STATEMENT

PLACE: [redacted]

DATE: 10-20-83

I, Houston Floyd Gunn, hereby make the following voluntary statement to H. Brooks GRIFFIN who has identified himself to me as an investigator with the U. S. Nuclear Regulatory Commission. I make this statement freely with no threats or promises of reward having been made to me.

I have been a Brown & Root coatings QC inspector at Comanche Peak since October 1977. My present lead is Mickey Finn and my supervisor is Everett Mauser.

I was shown an old coatings inspection record, number PCO 3212 which is an original inspection checklist I prepared on 11-22-77. I recognized my hand writing throughout the first page of the form except for the PCO number which I understand was added later, and the serial number in the bottom right corner of the form which I believed was put on in the vault.

I was also shown, by Investigator Griffin, 10/20/83 HBG PCO 3419 through 3440 which were [redacted] meneographed copies of PCO3212. In 1977 and 1978, there were only three coatings QC inspectors on site. They were Joe Fazi, Daniel Hash, and myself. We regularly made meneograph

EXHIBIT (3)

copies of an original inspection checklist For many items that were being painted at the same time. Factors like ambient temperature and conditions, and checklist Factors for the seal coat remained the same, so we made the copies to save time. When the seal coat inspection was completed, we Filled in the location numbers and the thickness values.

Investigator Griffin also showed me PCO 3237 and PC01397 through PC01402 which were all meneographed copies. These copies also represented a numb of items that were painted at the same time. I recognized my handwriting on these copies. also on some of the copies my signature was meneographed along with the date. This practice of making copies was only For the purpose of saving time, and these records represented the actual inspections I performed in 1977.

10/20/83 HJG

In 1981 I remembered being interviewed by NCR Inspector Claude Johnson regarding coatings records. After the NRC wrote Brown & Root a Notice of Violation For inadequate records, the coatings QC inspectors were ordered to bring all of the existing coatings inspection records to the vault. Prior to the Notice of Violation, we kept these records in our office in a file cabinet. Following the Notice of Violation, these records were made a part of the vault documents. The practice of making copies of inspection records partially filled out was halted, and only original inspection reports were acceptable. I do not know why the NRC was not made aware of the existence of these inspection records in answer to the Notice of Violation, but I believe that a QC supervisor named Hawkins lost his job because the records were in our trailer.

I have read the foregoing statement consisting of 3 handwritten/~~typed~~ pages. I have made and initialed any necessary corrections and have signed my name in ink in the margin of each page. I swear that the foregoing statement is true and correct. Signed on 10-20-83 (date) at 3:27 pm (time)

Houston J Guess
(SIGNATURE: TYPED OR PRINTED)

Subscribed and sworn to before me this 20th day of October, 1983.

INVESTIGATOR: H. Brooks
(NAME: TYPED OR PRINTED)

WITNESS:
(NAME & TITLE: TYPED OR PRINTED)

EXHIBIT (3-1)

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-7
Revision 8
Attachment 4-A

ROTATING PLATFORM SUPPORT BRACKETS / STEEL SUBSTRATE SEAL COAT APPLICATION CHECKLIST

Location _____ Bldg. RB #1

PROJECT: CPSES JOB NO.: 35-1195 UNIT A5-18 PAGE 1 OF 2

WO3212

TAG/SPIN/IDENT. NO.						DRAWING/SPECIFICATION NO.				VENDOR'S HEAT/LOT/BATCH NO.
A	B	C	D	E	F	G, (Units)	H, (Units)	J, (Units)		
A5-18						2323 AS 31	X	X	X	
						17-55				86-95

RLS/HOLD NO.	CODE	INPUT DATE
RHSD Cont		11-22-77
STATUS 112-121		122-127

ENVIRONMENTAL DATA:

TIME OF DAY	TEMPERATURE			RELATIVE HUMIDITY	DEW POINT	SKY	WIND		PRECIP.
	DRY BULB	WET BULB	SURFACE				DIR.	VEL.	
4:00PM	60°	50°	64°	48%	40°	Cloudy	N/A	N/A	N/A

General	Results	Initial	Date
1. Construction Procedure approved	✓	HJB	11-22-77
2. QC Instruction approved	✓	HJB	11-22-77
3. Coating applicators certified	✓	HJB	11-22-77
Pre-Application Operations			
1. Ambient conditions acceptable for seal coat application	✓	HJB	11-22-77
2. Coated surface acceptable for seal coat application	✓	HJB	11-22-77
3. Air supply acceptable for seal coat application	✓	HJB	11-22-77
Seal Coat Application Operations			
1. Surveillance inspection during seal coat application	✓	HJB	11-22-77
2. Wet film thickness check	N/A (record only)	HJB	11-22-77
Seal Coat Post Application Operations			
*1. Visual defects inspection	✓	HJB	11-23-77
*2. Dry film thickness	✓	HJB	11-23-77
3. Touch-up operations	N/A	HJB	11-23-77
4. Seal coat cure	✓	HJB	11-25-77

PERM. PLT. RECORD
RTN: L | FILE LOC.: 17.1.99.3
SUBFILE LOC.: 300/PC #

ARMS INDEXED

FOR INFORMATION ONLY

COATING APPLICATION SPECIFICATION: DATE: EXHIBIT 3-1

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS SPECIFIED	MIN	MAX	AVG	TEST METHOD*	S/K.
10:00AM		Spray	40 to 60	45	68	56	5	692905

QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE / SEAL COAT APPLICATION CHECKLIST

CP-QCI-2.10-7
Revision 2
Attachment 4-A

PROJECT: CPSES JOB NO.: 35-1195 UNIT A5-18 PAGE 2 OF 2

AC03212

Comments: None

REF NCR C-81-01373

Attached documents (check those applicable)

None 1.
None 2. (other) _____
None 3. (other) _____

Final Acceptance H Gunn Date 11-25-77
B&R QC Engineer/Inspector

✓ Satisfactory
X Unsatisfactory
* Inspection hold points

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

QC-2.10-2
Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building RB#1
Location

PROJECT: CPSES JOB NO.: 35-1195 UNIT A5-18 PAGE 1 OF 1

PC03212

General	Results	Initial	Date
1. Construction Procedure Approved	✓		11-22-77
2. Q. C. Instruction Approved	✓		11-22-77
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓		11-22-77
*2. Coating Material Acceptability	✓		11-22-77
Coating Mixing/Thinning Operations			
1. Mixing	✓		11-22-77
2. Thinning	✓		11-22-77

Comments: NONE

Final Acceptance: _____ Date 11-22-77
(B&R QC Inspector)

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

Material Identification	Batch Number	Weight Or Volume
1. PHENOLINE 305 (Base)	7C0683M	1½ GAL.
2. PHENOLINE 305 (Filler/Catalyst)	7F1511M	1½ QTS.
Volume (1. + 2.) =		1 GAL 3½ QTS.
3. PHENOLINE 305 (Thinner)	7A6751M	3 QTS.
Volume (1.+2.+3) =		

Time Mixed 3:27 a.m. (p.m.)
Approx. Temperature 65° °F

Pot Life Expires: 5:27 a.m. (p.m.) (approx.)

FOR INFORMATION ONLY

EXHIBIT (3-2)

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-7
Revision 2
Attachment 4-A

STEEL SUBSTRATE A003421

Mech. Equip. Support + Bracket — SEAL COAT APPLICATION CHECKLIST

PROJECT: CPSES Location _____ Bldg. RB #1

JOB NO.: 35-1195 UNIT 300-10 PAGE 1 OF 2

TAG/SPIN/IDENT. NO.	DRAWING/SPECIFICATION NO.			VENDOR'S HEAT/LOT/BATCH NO
A B C D E F	G, (Units)	H, (Units)	J, (Units)	
300-10	2323 AS 31	X	X X	
	17.55			86-95

RLS/HOLD NO.	CODE	INPUT DATE
RLSD. CONST		11-22-77
STATUS		
112-121		122-127

ARMS INDEXED

ENVIRONMENTAL DATA:

TIME OF DAY	TEMPERATURE			RELATIVE HUMIDITY	DEW POINT	DATE: SKY	WIND		PRECIP.
	DRY BULB	WET BULB	SURFACE				DIR.	VEL.	
4:00 PM	60°	50°	64°	48%	40°	Cloudy	N/A	N/A	N/A

	Results	Initial	Date
General			
1. Construction Procedure approved	✓	HTB	11-22-77
2. QC Instruction approved	✓	HTB	11-22-77
3. Coating applicators certified	✓	HTB	11-22-77
Pre-Application Operations			
1. Ambient conditions acceptable for seal coat application	✓	HTB	11-22-77
2. Coated surface acceptable for seal coat application	✓	HTB	11-22-77
3. Air supply acceptable for seal coat application	✓	HTB	11-22-77
Seal Coat Application Operations			
1. Surveillance inspection during seal coat application	✓	HTB	11-22-77
2. Wet film thickness check	N/A (record only)	HTB	11-22-77
Seal Coat Post Application Operations			
*1. Visual defects inspection	✓	HTB	11-23-77
*2. Dry film thickness	✓	HTB	11-23-77
3. Touch-up operations	N/A	HTB	11-23-77
4. Seal coat cure	✓	HTB	11-25-77

PERM. PLT. RECORD
RTN: L FILE LOC.: 17.1.99.3
SUBFILE LOC.: 300/PC #

EXHIBIT 3-2

COATING APPLICATION SPECIFICATION

FOR INFORMATION ONLY

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS				TEST METHOD*	
			SPECIFIED	MIN	MAX	AVG		
10:00 AM		Spray	Carb 1.0	1.4	1.6	1.5	F	S/R. 92905

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QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE

/SEAL COAT APPLICATION CHECKLIST

CP-QCI-2.10-7
Revision 2
Attachment 4-A

A03421

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-10 PAGE 2 OF 2

Comments: None

REF. NCR C-81-01373

Attached documents (check those applicable)

None 1.
None 2. (other)
None 3. (other)

Final Acceptance H Gunn Date 11-25-77
B&R QC Engineer/Inspector

✓ Satisfactory
X Unsatisfactory
* Inspection hold points

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-2
Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building RB#
Location

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-10 PAGE 1 OF 1

PCO 3421

General	Results	Initial	Date
1. Construction Procedure Approved	✓	[illegible]	11-22-77
2. Q. C. Instruction Approved	✓	[illegible]	11-22-77
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓	[illegible]	11-22-77
*2. Coating Material Acceptability	✓	[illegible]	11-22-77
Coating Mixing/Thinning Operations			
1. Mixing	✓	[illegible]	11-22-77
2. Thinning	✓	[illegible]	11-22-77

Comments: none

Final Acceptance: [illegible] (B&R QC Inspector) Date 11-22-77

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

Material Identification	Batch Number	Weight Or Volume
1. Thinline (Base)	5C0683M	1 1/3 gal
2. Thinline (Hardener/Catalyst)	7F1511M	1 1/2 qts
	Volume (1. + 2.) =	1 gal 3 1/2 qts
3. Thinline (Thinner)	7A6751M	3 qts
	Volume (1.+2.+3) =	

Time Mixed 3:27 a.m. (p.m.)
Approx. Temperature 65° °F

Pot Life Expires: 5:27 a.m. (p.m.) (approx.)

FOR INFORMATION ONLY

EXHIBIT (3-3)

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-7
Revision 2
Attachment 4-A

STEEL SUBSTRATE AC03422

Mech Equip. Support Bracket / SEAL COAT APPLICATION CHECKLIST

Location _____ Bldg. RB #1

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-6 PAGE 1 OF 2

TAG/SPIN/IDENT. NO.	DRAWING/SPECIFICATION NO.			VENDOR'S HEAT/LOT/BATCH NO.
300-6	2323 AS 31	X	X	X
A B C D E F	G (Units)	H (Units)	J (Units)	
	17-55			8695

RLS/HOLD NO.	CODE	INPUT DATE
RLSD. CONST		11.22.77
STATUS 112-121		122-127

ARMS INDEXED

ENVIRONMENTAL DATA:

TIME OF DAY	TEMPERATURE: DRY BULB	WET BULB	SURFACE	RELATIVE HUMIDITY	DEW POINT	SKY STATE	WIND DIR.	WIND VEL.	PRECIP.
4:00 PM	60°	50°	64°	48%	40°	Cloudy	N/A	N/A	N/A

	Results	Initial	Date
General			
1. Construction Procedure approved	✓	HB	11-22-77
2. QC Instruction approved	✓	HB	11-22-77
3. Coating applicators certified	✓	HB	11-22-77
Pre-Application Operations			
1. Ambient conditions acceptable for seal coat application	✓	HB	11-22-77
2. Coated surface acceptable for seal coat application	✓	HB	11-22-77
3. Air supply acceptable for seal coat application	✓	HB	11-22-77
Seal Coat Application Operations			
1. Surveillance inspection during seal coat application	✓	HB	11-22-77
2. Wet film thickness check	N/A (record only)	HB	11-22-77
Seal Coat Post Application Operations			
*1. Visual defects inspection	✓	HB	11-23-77
*2. Dry film thickness	✓	HB	11-23-77
3. Touch-up operations	N/A	HB	11-23-77
4. Seal coat cure	✓	HB	11-25-77

PERM. PLT. RECORD
RTN L | FILE LOC. 17.1.90.3
SUBFILE LOC. 300/PC #

EXHIBIT 3-3

FOR INFORMATION ONLY

COATING APPLICATION SPECIFICATION:

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS SPECIFIED	MIN	MAX	AVG	TEST METHOD*	S/N

QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE / SEAL COAT APPLICATION CHECKLIST

CP-QCI-2.10-7
Revision 2
Attachment A-A

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300 & 6 PAGE 2 OF 2

AR03422

Comments: None

REF. NCR C-8170137B

Attached documents (check those applicable)

None 1.
None 2. (other)
None 3. (other)

Final Acceptance H Gunn Date 11-25-77
B&R QC Engineer/Inspector

✓ Satisfactory
X Unsatisfactory
* Inspection hold points

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-2
Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building RB #1
Location

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-6 PAGE 1 OF 1

RC 3/22

General	Results	Initial	Date
1. Construction Procedure Approved	✓	[illegible]	11-22-77
2. Q. C. Instruction Approved	✓	[illegible]	11-22-77
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓	[illegible]	11-22-77
*2. Coating Material Acceptability	✓	[illegible]	11-22-77
Coating Mixing/Thinning Operations			
1. Mixing	✓	[illegible]	11-22-77
2. Thinning	✓	[illegible]	11-22-77

Comments: none

Final Acceptance: [illegible] Date 11-22-77
(B&R QC Inspector)

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

Material Identification	Batch Number	Weight Or Volume
1. Amerline (Base)	5C0683M	1⅓ gal
2. Amerline (Hardener/Catalyst)	7E1511M	1½ qts
Volume (1. + 2.) =		1 gal 3½ qts
3. Amerline (Thinner)	7A6751M	3 qts
Volume (1.+2.+3) =		

Time Mixed 3:27 a.m. (p.m.)
Approx. Temperature 65 °C °F

Pot Life Expires: 5:27 a.m. (p.m.) (approx.)

FOR INFORMATION ONLY

EXHIBIT (3-4)

QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE

SEAL COAT APPLICATION CHECKLIST

CP-QCI-2.10-7
Revision 6
Attachment 4-A

Mech Equip Support Bracket

PROJECT: CPSES Location _____ Bldg. RB #1

JOB NO.: 35-1195 UNIT 450-4 PAGE 1 OF 2

PC03423

TAG/SPIN/IDENT. NO.						DRAWING/SPECIFICATION NO.				VENDOR'S HEAT/LOT/BATCH NO.
A	B	C	D	E	F	G (Units)	H (Units)	J (Units)		
450-4						2323 AS 31			X	X
17-55										8595 MS

RLS/HOLD NO.	CODE	INPUT DATE
RLSD. CONST		11-22-77
STATUS 112-121		122-127

INDEXED

ENVIRONMENTAL DATA:

TIME OF DAY	TEMPERATURE			RELATIVE HUMIDITY	DEW POINT	SKY	WIND		PRECIP.
	DRY BULB	WET BULB	SURFACE				DIR.	VEL.	
4:00 PM	60°	50°	64°	48%	40°	Cloudy	N/A	N/A	N/A

DATE:

	Results	Initial	Date
General			
1. Construction Procedure approved	✓	HJB	11-22-77
2. QC Instruction approved	✓	HJB	11-22-77
3. Coating applicators certified	✓	HJB	11-22-77
Pre-Application Operations			
1. Ambient conditions acceptable for seal coat application	✓	HJB	11-22-77
2. Coated surface acceptable for seal coat application	✓	HJB	11-22-77
3. Air supply acceptable for seal coat application	✓	HJB	11-22-77
Seal Coat Application Operations			
1. Surveillance inspection during seal coat application	✓	HJB	11-22-77
2. Wet film thickness check	N/A (record only)	HJB	11-22-77
Seal Coat Post Application Operations			
*1. Visual defects inspection	✓	HJB	11-23-77
*2. Dry film thickness	✓	HJB	11-23-77
3. Touch-up operations	N/A	HJB	11-23-77
4. Seal coat cure	✓	HJB	11-25-77

PERM. PLT. RECORD

RTN	FILE LOC.
L	17.1.93.3
SUBFILE LOC.	300/PC #

EXHIBIT 3-H

FOR INFORMATION ONLY

COATING APPLICATION SPECIFICATION:

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS				TEST METHOD	S/N
			SPECIFIED	MIN.	MAX.			

QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE / SEAL COAT APPLICATION CHECKLIST

CP-QCI-2.10-7
Revision 2
Attachment 4-A

PROJECT: CPSES JOB NO.: 35-1195 UNIT 450-4 PAGE 2 OF 2

PCO3403

Comments: None

Attached documents (check those applicable)

None 1.
None 2. (other) _____
None 3. (other) _____

Final Acceptance H Gunn Date 11-25-77
B&R QC Engineer/Inspector

✓ Satisfactory
X Unsatisfactory
* Inspection hold points

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-2
Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building RB #1
Location

PROJECT: CPSES JOB NO.: 35-1195 UNIT 450-4 PAGE 1 OF 1

PC03423

General	Results	Initial	Date
1. Construction Procedure Approved	✓		11-22-77
2. Q. C. Instruction Approved	✓		11-22-77
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓		11-22-77
*2. Coating Material Acceptability	✓		11-22-77
Coating Mixing/Thinning Operations			
1. Mixing	✓		11-22-77
2. Thinning	✓		11-22-77

Comments: none

Final Acceptance: (B&R QC Inspector) Date 11-22-77

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

Material Identification	Batch Number	Weight Or Volume
1. Chemline (Base)	5C0683M	1 1/3 gal
2. Chemline (~~Hardener~~/Catalyst)	7E1511M	1 1/2 qts
	Volume (1. + 2.) =	1 gal 3 1/2 qts
3. Chemline (Thinner)	7A6751M	3 qts
	Volume (1.+2.+3) =	

Time Mixed 3:27 a.m. (p.m.)
Approx. Temperature 65° °F

Pot Life Expires: 5:27 a.m. (p.m.) (approx.)

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-7
Revision 2
Attachment 4-A

STEEL SUBSTRATE

Mech Equip. Support Bracket / SEAL COAT APPLICATION CHECKLIST

Location _____ Bldg. RB #1

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-16 PAGE 1 OF 2

PC03424

TAG/SPIN/IDENT. NO.	DRAWING/SPECIFICATION NO.			VENDOR'S HEAT/LOT/BATCH NO.
300-16	2323 AS 31	X	X	X
A B C D E F	G (Units)	H (Units)	J (Units)	
	17-55			86-95

RLS/HOLD NO.	CODE	INPUT DATE
RLSD. CONST		11-22-77
STATUS		
112-121		122-127

ARMS INDEXED

ENVIRONMENTAL DATA:

TIME OF DAY	TEMPERATURE			RELATIVE HUMIDITY	DEW POINT	SKY	WIND		PRECIP.
	DRY BULB	WET BULB	SURFACE				DIR.	VEL.	
4:00 PM	60°	50°	64°	48%	40°	Cloudy	N/A	N/A	N/A

	Results	Initial	Date
General			
1. Construction Procedure approved	✓	HB	11-22-77
2. QC Instruction approved	✓	HB	11-22-77
3. Coating applicators certified	✓	HB	11-22-77
Pre-Application Operations			
1. Ambient conditions acceptable for seal coat application	✓	HB	11-22-77
2. Coated surface acceptable for seal coat application	✓	HB	11-22-77
3. Air supply acceptable for seal coat application	✓	HB	11-22-77
Seal Coat Application Operations			
1. Surveillance inspection during seal coat application	✓	HB	11-22-77
b. Wet film thickness check	N/A (record only)	HB	11-22-77
Seal Coat Post Application Operations			
*1. Visual defects inspection	✓	HB	11-23-77
*2. Dry film thickness	✓	HB	11-23-77
3. Touch-up operations	N/A	HB	11-23-77
4. Seal coat cure	✓	HB	11-25-77

PERM. PLT. RECORD
RTN L | FILE LOC. 17.1.99.3
SUBFILE LOC. 300/PC #1

FOR INFORMATION ONLY

EXHIBIT 3-5

COATING APPLICATION SPECIFICATION:

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS				TEST METHOD	S/N
			SPECIFIED	MIN	MAX	AVG		
10:00 AM		Spray						692905

QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE

/SEAL COAT APPLICATION CHECKLIST

CP-QCI-2.10-7
Revision 2
Attachment 4-A

PC03424

PROJECT: CPSES JOB NO.: 35-1195 UNIT 3&4-6 PAGE 2 OF 2

Comments: None

REF NCRC-81-01373

Attached documents (check those applicable)

None 1.
None 2. (other)
None 3. (other)

Final Acceptance H. Gunn Date 11-25-77
B&R QC Engineer/Inspector

✓ Satisfactory
X Unsatisfactory
* Inspection hold points

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-2
Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building _____
Location _____

PROJECT: CPSES JOB NO.: 35-1195 UNIT 2&0-16 PAGE 1 OF 1

PC03424

General	Results	Initial	Date
1. Construction Procedure Approved	✓	[illegible]	11-22-77
2. Q. C. Instruction Approved	✓	[illegible]	11-22-77
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓	[illegible]	11-22-77
*2. Coating Material Acceptability	✓	[illegible]	11-22-77
Coating Mixing/Thinning Operations			
1. Mixing	✓	[illegible]	11-22-77
2. Thinning	✓	[illegible]	11-22-77

Comments: none

Final Acceptance: [illegible] Date 11-22-77
(B&R QC Inspector)

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

Material Identification	Batch Number	Weight Or Volume
1. Chemline (Base)	5C0683M	1⅓ gal
2. Chemline (Hardener/Catalyst)	7F1511M	1⅓ qts
Volume (1. + 2.) =		1 gal 3⅓ qts
3. Chemline (Thinner)	7A6751M	3 qts
Volume (1.+2.+3) =		

Time Mixed 3:27 a.m. (p.m.)
Approx. Temperature 65 °F

Pot Life Expires: 5:27 a.m. (p.m.) (approx.)

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-7
Revision 8
Attachment 4-A

STEEL SUBSTRATE PC03425

Mech Equip. Support Bracket / SEAL COAT APPLICATION CHECKLIST

Location _____ Bldg. RB #1

PROJECT: CPSES JOB NO.: 35-1195 UNIT 450-6 PAGE 1 OF 2

TAG/SPIN/IDENT. NO.	DRAWING/SPECIFICATION NO.			VENDOR'S HEAT/LOT/BATCH NO.
450-6	2323 AS 31	X	X	X
A B C D E F	G (Units)	H (Units)	J (Units)	
17-55				86-95

RLS/HOLD NO. Rh S.D. Const | CODE | INPUT DATE 11-22-77
STATUS 112-121 | 122-127

INDEXED
DATE

ENVIRONMENTAL DATA:

TIME OF DAY	TEMPERATURE			RELATIVE HUMIDITY	DEW POINT	SKY	WIND		PRECIP.
	DRY BULB	WET BULB	SURFACE				DIR.	VEL.	
4:00 PM	60°	50°	64°	48%	40°	Cloudy	N/A	N/A	N/A

	Results	Initial	Date
General			
1. Construction Procedure approved	✓	HJB	11-22-77
2. QC Instruction approved	✓	HJB	11-22-77
3. Coating applicators certified	✓	HJB	11-22-77
Pre-Application Operations			
1. Ambient conditions acceptable for seal coat application	✓	HJB	11-22-77
2. Coated surface acceptable for seal coat application	✓	HJB	11-22-77
3. Air supply acceptable for seal coat application	✓	HJB	11-22-77
Seal Coat Application Operations			
1. Surveillance inspection during seal coat application	✓	HJB	11-22-77
2. Wet film thickness check	N/A (record only)	HJB	11-22-77
Seal Coat Post Application Operations			
*1. Visual defects inspection	✓	HJB	11-23-77
*2. Dry film thickness	✓	HJB	11-23-77
3. Touch-up operations	N/A	HJB	11-23-77
4. Seal coat cure	✓	HJB	11-25-77

PERM. PLT. RECORD
RTN L | FILE LOC. 17.1.99.3
SUBFILE LOC. 300/PC #

FOR INFORMATION ONLY

COATING APPLICATION SPECIFICATION:

EXHIBIT 3-6

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS				TEST METHOD*	S/N.
			SPECIFIED	MIN	MAX	AVG		
10:00 AM		Spray	8001 1.0	1.5	2.0	1.7	E	692905

QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE / SEAL COAT APPLICATION CHECKLIST

CP-QCI-2.10-7
Revision 2
Attachment 4-A

PC03425

PROJECT: CPSES JOB NO.: 35-1195 UNIT 430-6 PAGE 2 OF 2

Comments: None

REF. NCR C-81-01373

Attached documents (check those applicable)

None 1.
None 2. (other)
None 3. (other)

Final Acceptance H Gunn Date 11-25-77
B&R QC Engineer/Inspector

✓ Satisfactory
X Unsatisfactory
* Inspection hold points

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-2
Revision 2
Attachment 4 A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building _____
Location _____

PROJECT: CPSES JOB NO.: 35-1195 UNIT 1&2-6 PAGE 1 OF 1

PC03425

General	Results	Initial	Date
1. Construction Procedure Approved	✓	[illegible]	11-22-77
2. Q. C. Instruction Approved	✓	[illegible]	11-22-77
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓	[illegible]	11-22-77
*2. Coating Material Acceptability	✓	[illegible]	11-22-77
Coating Mixing/Thinning Operations			
1. Mixing	✓	[illegible]	11-22-77
2. Thinning	✓	[illegible]	11-22-77

Comments: none

Final Acceptance: [illegible] (B&R QC Inspector) Date 11-22-77

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

Material Identification	Batch Number	Weight Or Volume
1. Thinsulene (Base)	5C0683M	1 1/3 gal
2. Thinsulene (~~Hardener~~/Catalyst)	7F1511M	1 1/2 qts
	Volume (1. + 2.) =	1 gal 3 1/2 qts
3. Thinsulene (Thinner)	7A6751M	3 qts
	Volume (1.+2.+3) =	

Time Mixed 3:27 ~~a.m~~ (p.m)
Approx. Temperature 65° ~~°F~~

Pot Life Expires: 5:27 ~~a.m~~ (p.m) (approx.)

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QAI-2.10-7
Revision 2
Attachment 4-A

STEEL SUBSTRATE / SEAL COAT APPLICATION CHECKLIST

Mech. Equip. Support Bracket — Location — Bldg. RB #1

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-1 PAGE 1 OF 2

ACO 3426

TAG/SPIN/IDENT. NO.	DRAWING/SPECIFICATION NO.				VENDOR'S HEAT/LOT/BATCH NO
A B C D E F	G (Units)	H (Units)	J (Units)		
300-1	2323 AS 31 X		X	X	
17-55					86-95

RLS/HOLD NO.	CODE	INPUT DATE
RLSD. CONST		11.22.77
STATUS 112-121		122-127

ENVIRONMENTAL DATA:

TIME OF DAY	TEMPERATURE			RELATIVE HUMIDITY	DEW POINT	SKY	WIND		PRECIP.
	DRY BULB	WET BULB	SURFACE				DIR.	VEL.	
4:00 PM	60°	50°	64°	48%	40°	Cloudy	N/A	N/A	N/A

	Results	Initial	Date
General			
1. Construction Procedure approved	✓	HJB	11-22-77
2. QC Instruction approved	✓	HJB	11-22-77
3. Coating applicators certified	✓	HJB	11-22-77
Pre-Application Operations			
1. Ambient conditions acceptable for seal coat application	✓	HJB	11-22-77
2. Coated surface acceptable for seal coat application	✓	HJB	11-22-77
3. Air supply acceptable for seal coat application	✓	HJB	11-22-77
Seal Coat Application Operations			
1. Surveillance inspection during seal coat application	✓	HJB	11-22-77
2. Wet film thickness check	N/A (record only)	HJB	11-22-77
Seal Coat Post Application Operations			
*1. Visual defects inspection	✓	HJB	11-23-77
*2. Dry film thickness	✓	HJB	11-23-77
3. Touch-up operations	N/A	HJB	11-23-77
4. Seal coat cure	✓	HJB	11-25-77

PERM. PLT. RECORD

RTN	FILE LOC.
L	17.1.99.3
SUBFILE LOC.	300/PC #

EXHIBIT 3-7

COATING APPLICATION — SPECIFICATION — EOR - INFORMATION ONLY

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS				TEST METHOD*	
			SPECIFIED	MIN	MAX	AVG		
10:00 AM		Spray	Appx 1.0	.9	1.1	1.0	E	5/K. 692905

QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE / SEAL COAT APPLICATION CHECKLIST

CP-QCI-2.10-7
Revision 2
Attachment 4-A

PC03426

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-1 PAGE 2 OF 2

Comments: None

REF NCR C-81-01373

Attached documents (check those applicable)

None 1.
None 2. (other) _____
None 3. (other) _____

Final Acceptance H Gunn Date 11-25-77
B&R QC Engineer/Inspector

✓ Satisfactory
X Unsatisfactory
* Inspection hold points

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-2
Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building _____
Location _____

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-1 PAGE 1 OF 1

PO3426

General	Results	Initial	Date
1. Construction Procedure Approved	✓	[illegible]	11-22-77
2. Q. C. Instruction Approved		[illegible]	11-22-77
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓	[illegible]	11-22-77
*2. Coating Material Acceptability	✓	[illegible]	11-22-77
Coating Mixing/Thinning Operations			
1. Mixing	✓	[illegible]	11-22-77
2. Thinning		[illegible]	11-22-77

Comments: none

Final Acceptance: [illegible] (B&R QC Inspector) Date 11-22-77

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

Material Identification	Batch Number	Weight Or Volume
1. Carboline (Base)	5C0683M	1½ gal
2. Carboline (Hardener/Catalyst)	7F1511M	1½ qts
	Volume (1. + 2.) =	1 gal 3½ qts
3. Carboline (Thinner)	7A6751M	3 qts
	Volume (1.+2.+3) =	

Time Mixed 3:27 a.m. (p.m.)
Approx. Temperature 65° °F

Pot Life Expires: 5:27 a.m. (p.m.) (approx.)

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-7
Revision 2
Attachment 4-A

STEEL SUBSTRATE

Mech. Equip. Support Bracket / SEAL COAT APPLICATION CHECKLIST

Location _____ Bldg. RB #1

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-5 PAGE 1 OF 2

RO3427

TAG/SPIN/IDENT. NO.	DRAWING/SPECIFICATION NO.			VENDOR'S HEAT/LOT/BATCH NO.
300-5	2323 AS 31	X	X X	
A B C D E F	G (Units)	H (Units)	J (Units)	
17-55				86-95

RLS/HOLD NO.	CODE	INPUT DATE
RLSD. CONST		11.22.77
STATUS 112-121		122-127

ENVIRONMENTAL DATA:

TIME OF DAY	TEMPERATURE			RELATIVE HUMIDITY	DEW POINT	SKY	WIND		PRECIP.
	DRY BULB	WET BULB	SURFACE				DIR.	VEL.	
4:00 PM	60°	50°	64°	48%	40°	Cloudy	N/A	N/A	N/A

	Results	Initial	Date
General			
1. Construction Procedure approved	✓	HTB	11-22-77
2. QC Instruction approved	✓	HTB	11-22-77
3. Coating applicators certified	✓	HTB	11-22-77
Pre-Application Operations			
1. Ambient conditions acceptable for seal coat application	✓	HTB	11-22-77
2. Coated surface acceptable for seal coat application	✓	HTB	11-22-77
3. Air supply acceptable for seal coat application	✓	HTB	11-22-77
Seal Coat Application Operations			
1. Surveillance inspection during seal coat application	✓	HTB	11-22-77
2. Wet film thickness check	N/A (record only)	HTB	11-22-77
Seal Coat Post Application Operations			
*1. Visual defects inspection	✓	HTB	11-23-77
*2. Dry film thickness	✓	HTB	11-23-77
3. Touch-up operations	N/A	HTB	11-23-77
4. Seal coat cure	✓	HTB	11-25-77

PERM. PLT. RECORD
RTN L
FILE LOC. 17.1.93.3
SUBFILE LOC. 300/PC #

INDEXED

DATE

EXHIBIT B-8

FOR INFORMATION ONLY

COATING APPLICATION SPECIFICATION:

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS				TEST METHOD*	S/N
			SPECIFIED	MIN	MAX	AVG		
10:00 AM		Sr	Body 4.0	1.2	1.8	1.5	6	692905

QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE / SEAL COAT APPLICATION CHECKLIST

CP-QCI-2.10-7
Revision 2
Attachment A-A

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-5 PAGE 2 OF 2

PC03427

Comments: None

REF NCR C-81-01373

Attached documents (check those applicable)

None 1.
None 2. (other)
None 3. (other)

Final Acceptance H Gunn Date 11-25-77
B&R QC Engineer/Inspector

✓ Satisfactory
X Unsatisfactory
* Inspection hold points

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-2
Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building RB #1
Location

PROJECT: CPSES JOB NO.: 35-1195 UNIT 360-6 PAGE 1 OF 1

PC03427

General	Results	Initial	Date
1. Construction Procedure Approved	✓	[signature]	11-22-77
2. Q. C. Instruction Approved	✓	[signature]	11-22-77
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓	[signature]	11-22-77
*2. Coating Material Acceptability	✓	[signature]	11-22-77
Coating Mixing/Thinning Operations			
1. Mixing	✓	[signature]	11-22-77
2. Thinning	✓	[signature]	11-22-77

Comments: none

Final Acceptance: [signature] (B&R QC Inspector) Date 11-22-77

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

Material Identification	Batch Number	Weight Or Volume
1. Chemline (Base)	5C0683M	1 1/3 gal
2. Chemline (Hardener/Catalyst)	7E1511M	1 1/2 qts
	Volume (1. + 2.) =	1 gal 3 1/2 qts
3. Chemline (Thinner)	7A6751M	3 qts
	Volume (1.+2.+3) =	

Time Mixed 3:27 a.m (p.m)
Approx. Temperature 65° °F

Pot Life Expires: 5:27 a.m (p.m) (approx.)

FOR INFORMATION ONLY

EXHIBIT (3-9)

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-7
Revision 2
Attachment 4-A

STEEL SUBSTRATE / SEAL COAT APPLICATION CHECKLIST

Mech Equip. Support Bracket

Location _____ Bldg. RB #1

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-14 PAGE 1 OF 2

PCO3428

TAG/SPIN/IDENT. NO.	DRAWING/SPECIFICATION NO.								VENDOR'S HEAT/LOT/BATCH NO.
A	B	C	D	E	F	G, (Units)	H, (Units)	J, (Units)	
300-14						2323 AS 31			
						17-55			

X X X

RLS/HOLD NO.	CODE	INPUT DATE
STATUS		
112-121		122-127
RLS D. Const		11.22.77

ARMS INDEXED

ENVIRONMENTAL DATA:

TIME OF DAY	TEMPERATURE			RELATIVE HUMIDITY	DEW POINT	DATE SKY	WIND		PRECIP.
	DRY BULB	WET BULB	SURFACE				DIR.	VEL.	
4:00PM	60°	50°	64°	48%	40°	Cloudy	N/A	N/A	N/A

	Results	Initial	Date
General			
1. Construction Procedure approved	✓	HTB	11-22-77
2. QC Instruction approved	✓	HTB	11-22-77
3. Coating applicators certified	✓	HTB	11-22-77
Pre-Application Operations			
1. Ambient conditions acceptable for seal coat application	✓	HTB	11-22-77
2. Coated surface acceptable for seal coat application	✓	HTB	11-22-77
3. Air supply acceptable for seal coat application	✓	HTB	11-22-77
Seal Coat Application Operations			
1. Surveillance inspection during seal coat application	✓	HTB	11-22-77
2. Wet film thickness check	N/A (record only)	HTB	11-22-77
Seal Coat Post Application Operations			
*1. Visual defects inspection	✓	HTB	11-23-77
*2. Dry film thickness	✓	HTB	11-23-77
3. Touch-up operations	N/A	HTB	11-23-77
4. Seal coat cure	✓	HTB	11-25-77

PERM. PLT. RECORD

RTN	FILE LOC.
L	17.1.93.3
SUBFILE LOC.	300/PC #

FOR INFORMATION ONLY

EXHIBIT 3-9

COATING APPLICATION SPECIFICATION:

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS				TEST METHOD*
			SPECIFIED	MIN	MAX	AVG	
10:00AM		Spray					S/K. 692905

QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE / SEAL COAT APPLICATION CHECKLIST

CP-QCI-2.10-7
Revision 2
Attachment 4-A

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-14 PAGE 2 OF 2

PCD3428

Comments: None

REF NCR C-81-01373

Attached documents (check those applicable)

None 1.
None 2. (other)
None 3. (other)

Final Acceptance H Gunn Date 11-25-77
B&R QC Engineer/Inspector

✓ Satisfactory
X Unsatisfactory
* Inspection hold points

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-2
Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building RB #1
Location

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-14 PAGE 1 OF 1

AC03428

General	Results	Initial	Date
1. Construction Procedure Approved	✓		11-22-77
2. Q. C. Instruction Approved	✓		11-22-77
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓		11-22-77
*2. Coating Material Acceptability	✓		11-22-77
Coating Mixing/Thinning Operations			
1. Mixing	✓		11-22-77
2. Thinning	✓		11-22-77

Comments: none

Final Acceptance: (B&R QC Inspector) Date 11-22-77

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

Material Identification	Batch Number	Weight Or Volume
1. Carboline (Base)	5C0683M	1 1/3 gal
2. Carboline (Hardener/Catalyst)	7F1511M	1 1/2 qts
	Volume (1. + 2.) =	1 gal 3 1/2 qts
3. Carboline (Thinner)	7A6751M	3 qts
	Volume (1.+2.+3) =	

Time Mixed 3:27 a.m. (p.m.)
Approx. Temperature 65° °F

Pot Life Expires: 5:27 a.m. (p.m.) (approx.)

FOR INFORMATION ONLY

EXHIBIT (3-10)

QUALITY ASSURANCE DEPARTMENT

CP-CCI-2.10-7
Revision 2
Attachment 4-A

STEEL SUBSTRATE

Mech Equip. Support Bracket / SEAL COAT APPLICATION CHECKLIST

Location _____ Bldg. RB #1

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-11 PAGE 1 OF 2

PC03429

TAG/SPIN/IDENT. NO.	DRAWING/SPECIFICATION NO.			VENDOR'S HEAT/LOT/BATCH NO
300-11	2323 AS 31	X	X	X
A B C D E F	G (Units)	H (Units)	J (Units)	
	17-55			86-95

RLS/HOLD NO.	CODE	INPUT DATE
KLSD Const		11.22.77
STATUS		
112-121		122-127

ARMS INDEXED

ENVIRONMENTAL DATA:

TIME OF DAY	TEMPERATURE			RELATIVE HUMIDITY	DEW POINT	SKY DATE	WIND		PRECIP.
	DRY BULB	WET BULB	SURFACE				DIR.	VEL.	
4:00 PM	60°	50°	64°	48%	40°	Cloudy	N/A	N/A	N/A

General	Results	Initial	Date
1. Construction Procedure approved	✓	HTB	11-22-77
2. QC Instruction approved	✓	HTB	11-22-77
3. Coating applicators certified	✓	HTB	11-22-77
Pre-Application Operations			
1. Ambient conditions acceptable for seal coat application	✓	HTB	11-22-77
2. Coated surface acceptable for seal coat application	✓	HTB	11-22-77
3. Air supply acceptable for seal coat application	✓	HTB	11-22-77
Seal Coat Application Operations			
1. Surveillance inspection during seal coat application	✓	HTB	11-22-77
2. Wet film thickness check	N/A (record only)	HTB	11-22-77
Seal Coat Post Application Operations			
*1. Visual defects inspection	✓	HTB	11-23-77
*2. Dry film thickness	✓	HTB	11-23-77
3. Touch-up operations	N/A	HTB	11-23-77
4. Seal coat cure	✓	HTB	11-25-77

PERM. PLT. RECORD

RTN	FILE LOC.
L	17.1.99.3
SUBFILE LOC.	
300/PC #	

FOR INFORMATION ONLY

COATING APPLICATION SPECIFICATION: EXHIBIT 3-10

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS				TEST METHOD*	S/N
			SPECIFIED	MIN	MAX	AVG		
10:00 AM		Spray	Appx 1.0	1.0	1.0	1.0	F	692905

QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE

SEAL COAT APPLICATION CHECKLIST

CP-QCI-2.10-7
Revision 2
Attachment 4-A

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-11 PAGE 2 OF 2

PC03429

Comments: None

REF NCR C-81-01373

Attached documents (check those applicable)

None 1.
None 2. (other)
None 3. (other)

Final Acceptance H Gunn Date 11-25-77
B&R QC Engineer/Inspector

✓ Satisfactory
X Unsatisfactory
* Inspection hold points

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-2
Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building RB#1
Location

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-11 PAGE 1 OF 1

PO3439

General	Results	Initial	Date
1. Construction Procedure Approved	✓	[illegible]	11-22-77
2. Q. C. Instruction Approved	✓	[illegible]	11-22-77
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓	[illegible]	11-22-77
*2. Coating Material Acceptability	✓	[illegible]	11-22-77
Coating Mixing/Thinning Operations			
1. Mixing	✓	[illegible]	11-22-77
2. Thinning	✓	[illegible]	11-22-77

Comments: none

Final Acceptance: [illegible] (B&R QC Inspector) Date 11-22-77

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

Material Identification	Batch Number	Weight Or Volume
1. Thinoline (Base)	5C0683M	1 1/2 gal
2. Thinoline (Hardener/Catalyst)	7F1511M	1 1/2 qts
	Volume (1. + 2.) =	1 gal 3 1/2 qts
3. Thinoline (Thinner)	7A6751M	3 qts
	Volume (1.+2.+3) =	

Time Mixed 3:27 a.m. (p.m.)
Approx. Temperature 65° F

Pot Life Expires: 5:27 a.m. (p.m.) (approx.)

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE

Mech Equip Support Bracket / SEAL COAT APPLICATION CHECKLIST

Location _____ Bldg. CB #1

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-3 PAGE 1 OF 2

PO 34520

TAG/SPIN/IDENT. NO.	DRAWING/SPECIFICATION NO.		VENDOR'S HEAT/LOT/BATCH NO.
300-3	2323 AS 31	X X	X
A B C D E F	G (Units)	H (Units)	J (Units)
17-55			86-95

ENVIRONMENTAL DATA:

RLS/HOLD NO.	CODE	INPUT DATE
H.S.D. Const		11.22.77
STATUS 112-121		122-127

ARMS INDEXED

TIME OF DAY	TEMPERATURE			RELATIVE HUMIDITY	DEW POINT	SKY	WIND		PRECIP.
	DRY BULB	WET BULB	SURFACE				DIR.	VEL.	
4:00 PM	60°	50°	64°	48%	40°	Cloudy	N/A	N/A	N/A

General	Results	Initial	Date
1. Construction Procedure approved	✓	HJB	11-22-77
2. QC Instruction approved	✓	HJB	11-22-77
3. Coating applicators certified	✓	HJB	11-22-77
Pre-Application Operations			
1. Ambient conditions acceptable for seal coat application	✓	HJB	11-22-77
2. Coated surface acceptable for seal coat application	✓	HJB	11-22-77
3. Air supply acceptable for seal coat application	✓	HJB	11-22-77
Seal Coat Application Operations			
1. Surveillance inspection during seal coat application	✓	HJB	11-22-77
2. Wet film thickness check	N/A (record only)	HJB	11-22-77
Seal Coat Post Application Operations			
*1. Visual defects inspection	✓	HJB	11-23-77
*2. Dry film thickness	✓	HJB	11-23-77
3. Touch-up operations	N/A	HJB	11-23-77
4. Seal coat cure	✓	HJB	11-25-77

PERM. PLT. RECORD

RTN	FILE LOC.
L	17.1.99.3
SUBFILE LOC.	300/PC #

FOR INFORMATION ONLY

EXHIBIT (3-11)

COATING APPLICATION SPECIFICATION:

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS SPECIFIED	MIN	MAX	AVG	TEST METHOD*

S/R 1-92905

QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE / SEAL COAT APPLICATION CHECKLIST

QI-QCI-2.10-7
Revision 2
Attachment 4-A

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-3 PAGE 2 OF 2

FCC3956

Comments: NONE

REF NCR C-81-01373

Attached documents (check those applicable)

NONE 1.
NONE 2. (other _____)
NONE 3. (other _____)

Final Acceptance H Gucan Date 11-25-77
B&R QC Engineer/Inspector

✓ Satisfactory
X Unsatisfactory
* Inspection hold points

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-2
Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building RB #1
Location

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-3 PAGE 1 OF 1

PC03430

General	Results	Initial	Date
1. Construction Procedure Approved	✓		11-22-77
2. Q. C. Instruction Approved	✓		11-22-77
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓		11-22-77
*2. Coating Material Acceptability	✓		11-22-77
Coating Mixing/Thinning Operations			
1. Mixing	✓		11-22-77
2. Thinning	✓		11-22-77

Comments: none

Final Acceptance: (B&R QC Inspector) Date 11-22-77

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

Material Identification	Batch Number	Weight Or Volume
1. Chemline (Base)	5C0683M	1⅓ gal
2. Chemline (Hardener/Catalyst)	7E1511M	1½ qts
	Volume (1. + 2.) =	2 gal 3½ qts
3. Chemline (Thinner)	7A6751M	3 qts
	Volume (1.+2.+3) =	

Time Mixed 3:27 a.m./p.m.
Approx. Temperature 65 °F/C

Pot Life Expires: 5:27 a.m./p.m. (approx.)

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-7
Revision 8
Attachment 4-A

STEEL SUBSTRATE / SEAL COAT APPLICATION CHECKLIST

PROJECT: CPSES Mech. Equip. Support Bracket

Location _____ Bldg. RB #1

JOB NO.: 35-1195 UNIT 300-13 PAGE 1 OF 2

AC03431

TAG/SPIN/IDENT. NO.	DRAWING/SPECIFICATION NO.			VENDOR'S HEAT/LOT/BATCH NO
A B C D E F	G (Units)	H (Units)	J (Units)	
300-15	2323 AS 31	X	X	X
	17-55			86-88 RMJ

RLS/HOLD NO.	CODE	INPUT DATE
RLSD. CONST		11.22.77
STATUS 112-121		122-127

INDEXED

ENVIRONMENTAL DATA:

DATE:

TIME OF DAY	TEMPERATURE			RELATIVE HUMIDITY	DEW POINT	SKY	WIND		PRECIP.
	DRY BULB	WET BULB	SURFACE				DIR.	VEL.	
4:00 PM	60°	50°	64°	48%	40°	Cloudy	N/A	N/A	N/A

	Results	Initial	Date
General			
1. Construction Procedure approved	✓	HJB	11-22-77
2. QC Instruction approved	✓	HJB	11-22-77
3. Coating applicators certified	✓	HJB	11-22-77
Pre-Application Operations			
1. Ambient conditions acceptable for seal coat application	✓	HJB	11-22-77
2. Coated surface acceptable for seal coat application	✓	HJB	11-22-77
3. Air supply acceptable for seal coat application	✓	HJB	11-22-77
Seal Coat Application Operations			
1. Surveillance inspection during seal coat application	✓	HJB	11-22-77
2. Wet film thickness check	N/A (record only)	HJB	11-22-77
Seal Coat Post Application Operations			
*1. Visual defects inspection	✓	HJB	11-23-77
*2. Dry film thickness	✓	HJB	11-23-77
3. Touch-up operations	N/A	HJB	11-23-77
4. Seal coat cure	✓	HJB	11-25-77

PERM. PLT. RECORD
RTN L | FILE LOC. 17.1.93.3
SUBFILE LOC. 300/PC #

EXHIBIT 3-12

FOR INFORMATION ONLY

COATING APPLICATION SPECIFICATION:

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS				TEST METHOD*	S/N
			SPECIFIED	MIN	MAX	AVG		
10:00 AM		Spray	8 mils	4.2	4.6	4.4	5	692905

QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE / SEAL COAT APPLICATION CHECKLIST

CP-QCI-2.10-7
Revision 2
Attachment 4-A

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-15 PAGE 2 OF 2

PC0343 1

Comments: None REF NCR C-81-01373

Attached documents (check those applicable)

None 1.
None 2. (other) _____
None 3. (other) _____

Final Acceptance H Gunn Date 11-25-77
B&R QC Engineer/Inspector

✓ Satisfactory
X Unsatisfactory
* Inspection hold points

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QC1-2.10-2
Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building RB #1
Location

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-15 PAGE 1 OF 1

PCO3431

General	Results	Initial	Date
1. Construction Procedure Approved	✓	[illegible]	11-22-77
2. Q. C. Instruction Approved		[illegible]	11-22-77
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓	[illegible]	11-22-77
*2. Coating Material Acceptability	✓	[illegible]	11-22-77
Coating Mixing/Thinning Operations			
1. Mixing	✓	[illegible]	11-22-77
2. Thinning	✓	[illegible]	11-22-77

Comments: none

Final Acceptance: [illegible] (B&R QC Inspector) Date 11-22-77

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

Material Identification	Batch Number	Weight Or Volume
1. Carboline (Base)	5C0683M	1 1/3 gal
2. Carboline (Hardener/Catalyst)	7F1511M	1 1/2 qts
	Volume (1. + 2.) =	1 gal 3 1/2 qts
3. Carboline (Thinner)	7A6751M	3 qts
	Volume (1.+2.+3) =	

Time Mixed 3:27 a.m. (p.m.)
Approx. Temperature 65° °F

Pot Life Expires: 5:27 a.m. (p.m.) (approx.)

FOR INFORMATION ONLY

EXHIBIT (3-13)

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-7
Revision 2
Attachment 4-A

STEEL SUBSTRATE

Mech. Equip. Support Bracket / SEAL COAT APPLICATION CHECKLIST

Location _____ Bldg. RB #1

PROJECT: CPSES JOB NO.: 35-1195 UNIT 400-7 PAGE 1 OF 2

PO 3432

TAG/SPIN/IDENT. NO.						DRAWING/SPECIFICATION NO.					VENDOR'S HEAT/LOT/BATCH NO.
A	B	C	D	E	F	G, (Units)	H, (Units)	J, (Units)			
400-7						2323 AS 31	X	X	X		
						17.55					

RLS/HOLD NO. Rh S.D. Const | CODE | INPUT DATE 11.22.77
STATUS 112-121 | 122-127

ARMS INDEXED

ENVIRONMENTAL DATA:

TIME OF DAY	TEMPERATURE			RELATIVE HUMIDITY	DEW POINT	DATE SKY	WIND		PRECIP.
	DRY BULB	WET BULB	SURFACE				DIR.	VEL.	
4:00 PM	60°	50°	64°	48%	40°	Cloudy	N/A	N/A	N/A

	Results	Initial	Date
General			
1. Construction Procedure approved	✓	HB	11-22-77
2. QC Instruction approved	✓	HB	11-22-77
3. Coating applicators certified	✓	HB	11-22-77
Pre-Application Operations			
1. Ambient conditions acceptable for seal coat application	✓	HB	11-22-77
2. Coated surface acceptable for seal coat application	✓	HB	11-22-77
3. Air supply acceptable for seal coat application	✓	HB	11-22-77
Seal Coat Application Operations			
1. Surveillance inspection during seal coat application	✓	HB	11-22-77
2. Wet film thickness check	N/A (record only)	HB	11-22-77
Seal Coat Post Application Operations			
*1. Visual defects inspection	✓	HB	11-23-77
*2. Dry film thickness	✓	HB	11-23-77
3. Touch-up operations	N/A	HB	11-23-77
4. Seal coat cure	✓	HB	11-25-77

PERM. PLT. RECORD
RTN L | FILE LOC. 17.1.99.3
SUBFILE LOC. 300/PC #

FOR INFORMATION ONLY

COATING APPLICATION SPECIFICATION: EXHIBIT 3-13

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS				TEST METHOD*	S/K.
			SPECIFIED	MIN	MAX	AVG		
10:00 AM		Spray	8 mil	4.0	4.4	4.2	5	692905

QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE / SEAL COAT APPLICATION CHECKLIST

CP-QCI-2.10-7
Revision 2
Attachment 4-A

PROJECT: CPSES JOB NO.: 35-1195 UNIT 400-2 PAGE 2 OF 2

PCO3432

Comments: None

REF. NCR CBI-01373

Attached documents (check those applicable)

None 1.
None 2. (other) _____
None 3. (other) _____

Final Acceptance H Gunn Date 11-25-77
B&R QC Engineer/Inspector

✓ Satisfactory
X Unsatisfactory
* Inspection hold points

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-CCI-2.10-2
Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building _____
Location _____

PROJECT: CPSES JOB NO.: 35-1195 UNIT _____ PAGE 1 OF 1

R03432

General	Results	Initial	Date
1. Construction Procedure Approved	✓	[signature]	11-21-77
2. Q. C. Instruction Approved	✓	[signature]	11-22-77
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓	[signature]	11-22-77
*2. Coating Material Acceptability	✓	[signature]	11-22-77
Coating Mixing/Thinning Operations			
1. Mixing	✓	[signature]	11-22-77
2. Thinning	✓	[signature]	11-22-77

Comments: none

Final Acceptance: [signature] (B&R QC Inspector) Date 11-22-77

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

Material Identification	Batch Number	Weight Or Volume
1. Phenoline (Base)	5C0683M	1 1/3 gal
2. Phenoline (Hardener/Catalyst)	7F1511M	1 1/3 qts
	Volume (1. + 2.) =	1 gal 3 1/3 qts
3. Phenoline (Thinner)	7A6751M	3 qts
	Volume (1.+2.+3) =	

Time Mixed 3:27 a.m (p.m)
Approx. Temperature 65° °F

Pot Life Expires: 5:27 a.m (p.m) (approx.)

FOR INFORMATION ONLY

EXHIBIT (3-14)

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-7
Revision 8
Attachment 4-A

STEEL SUBSTRATE

Mech Equip. Support Bracket / SEAL COAT APPLICATION CHECKLIST Location _____ Bldg. RB #1

PROJECT: CPSES JOB NO.: 35-1195 UNIT 1 450-1 PAGE 1 OF 2

RC 03433

TAG/SYM/IDENT. NO.	DRAWING/SPECIFICATION NO.			VENDOR'S HEAT/LOT/BATCH NO.
450-1	2323 AS 31	X	X	X
A B C D E F	G (Units) 17-55	H (Units)	J (Units)	8695

ARMS INDEXED

RLS/HOLD NO.	CODE	INPUT DATE
RLSD. CONST		11.22.77
STATUS 112-121		122-127

ENVIRONMENTAL DATA:

TIME OF DAY	TEMPERATURE			RELATIVE HUMIDITY	DEW POINT	SKY	WIND		PRECIP.
	DRY BULB	WET BULB	SURFACE				DIR.	VEL.	
4:00 PM	60°	50°	64°	48%	40°	Cloudy	N/A	N/A	N/A

General	Results	Initial	Date
1. Construction Procedure approved	✓	HTB	11-22-77
2. QC Instruction approved	✓	HTB	11-22-77
3. Coating applicators certified	✓	HTB	11-22-77
Pre-Application Operations			
1. Ambient conditions acceptable for seal coat application	✓	HTB	11-22-77
2. Coated surface acceptable for seal coat application	✓	HTB	11-22-77
3. Air supply acceptable for seal coat application	✓	HTB	11-22-77
Seal Coat Application Operations			
1. Surveillance inspection during seal coat application	✓	HTB	11-22-77
2. Wet film thickness check	N/A (record only)	HTB	11-22-77
Seal Coat Post Application Operations			
*1. Visual defects inspection	✓	HTB	11-23-77
*2. Dry film thickness	✓	HTB	11-23-77
3. Touch-up operations	N/A	HTB	11-23-77
4. Seal coat cure	✓	HTB	11-25-77

PERM. PLT. RECORD
RTN L | FILE LOC. 17.1.99.3
SUBFILE LOC. 300/PC #

EXHIBIT 3-14

EOR INFORMATION ONLY

COATING APPLICATION SPECIFICATION:

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS SPECIFIED	MIN	MAX	AVG	TEST METHOD*	S/N.
11:00 AM								692905

QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE
/SEAL COAT APPLICATION CHECKLIST

CP-QCI-2.10-7
Revision 2
Attachment 4-A

PROJECT: CPSES JOB NO.: 35-1195 UNIT 450-1 PAGE 2 OF 2

PC03433

Comments: None

REF NCRC-81-01373

Attached documents (check those applicable)

None 1.
None 2. (other)
None 3. (other)

Final Acceptance H Gunn Date 11-25-77
B&R QC Engineer/Inspector

✓ Satisfactory
X Unsatisfactory
* Inspection hold points

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-2
Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building _____
Location _____

PROJECT: CPSES JOB NO.: 35-1195 UNIT 1&2-1 PAGE 1 OF 1

PC03433

General	Results	Initial	Date
1. Construction Procedure Approved	✓	[illegible]	11-22-77
2. Q. C. Instruction Approved	✓	[illegible]	11-22-77
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓	[illegible]	11-22-77
*2. Coating Material Acceptability	✓	[illegible]	11-22-77
Coating Mixing/Thinning Operations			
1. Mixing	✓	[illegible]	11-22-77
2. Thinning	✓	[illegible]	~~11-22-77~~

Comments: none

Final Acceptance: [illegible] (B&R QC Inspector) Date 11-22-77

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

Material Identification	Batch Number	Weight Or Volume
1. Thinzine (Base)	5C0683M	1 1/3 gal
2. Thinzine (~~Filler~~/Catalyst)	7F1511M	1 1/2 qts
	Volume (1. + 2.) =	1 gal 3 1/2 qts
3. Thinzine (Thinner)	7H6751M	3 qts
	Volume (1.+2.+3) =	

Time Mixed 3:27 ~~a.m~~ (p.m)
Approx. Temperature 65° ~~C~~ F

Pot Life Expires: 5:27 ~~a.m~~ (p.m) (approx.)

FOR INFORMATION ONLY

EXHIBIT (3-15)

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-7
Revision 2
Attachment 4-A

STEEL SUBSTRATE

SEAL COAT APPLICATION CHECKLIST

Mech. Equip. Support Bracket — Location — Bldg. RB #1

PROJECT: CPSES JOB NO.: 35-1195 UNIT 450-2 PAGE 1 OF 2

PCO3434

TAG/SPIN/IDENT. NO.	DRAWING/SPECIFICATION NO.			VENDOR'S HEAT/LOT/BATCH NO.
A B C D E F	G (Units)	H (Units)	J (Units)	
450-2	2323 AS 31	X	X	X
	17-55			8695

RLS/HOLD NO.	CODE	INPUT DATE
RHSD. CONST		11.22.77
STATUS 112-121		122-127

ARMS INDEXED

ENVIRONMENTAL DATA:

TIME OF DAY	TEMPERATURE			RELATIVE HUMIDITY	DEW POINT	SKY	WIND		PRECIP.
	DRY BULB	WET BULB	SURFACE				DIR.	VEL.	
4:00 PM	60°	50°	64°	48%	40°	Cloudy	N/A	N/A	N/A

	Results	Initial	Date
General			
1. Construction Procedure approved	✓	HTB	11-22-77
2. QC Instruction approved	✓	HTB	11-22-77
3. Coating applicators certified	✓	HTB	11-22-77
Pre-Application Operations			
1. Ambient conditions acceptable for seal coat application	✓	HTB	11-22-77
2. Coated surface acceptable for seal coat application	✓	HTB	11-22-77
3. Air supply acceptable for seal coat application	✓	HTB	11-22-77
Seal Coat Application Operations			
1. Surveillance inspection during seal coat application	✓	HTB	11-22-77
2. Wet film thickness check	N/A (record only)	HTB	11-22-77
Seal Coat Post Application Operations			
*1. Visual defects inspection	✓	HTB	11-23-77
*2. Dry film thickness	✓	HTB	11-23-77
3. Touch-up operations	N/A	HTB	11-23-77
4. Seal coat cure	✓	HTB	11-25-77

PERM. PLT. RECORD

RTN	FILE LOC.
L	17.1.99.3
SUBFILE LOC.	300/PC #

EXHIBIT 3-15

DATING APPLICATION — SPECIFICATION:

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS				TEST METHOD*	S/N
			SPECIFIED	MIN	MAX	AVG		
10:00 AM		Spray	Appx 1.0	1.0	1.6	1.3	F	692905

QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE / SEAL COAT APPLICATION CHECKLIST

CP-QCI-2.10-7
Revision 2
Attachment A-A

PROJECT: CPSES JOB NO.: 35-1195 UNIT 1&2 PAGE 2 OF 2

PC03434

Comments: None

REF NCR C-81-01373

Attached documents (check those applicable)

None 1.
None 2. (other)
None 3. (other)

Final Acceptance H Gunn Date 11-25-77
B&R QC Engineer/Inspector

✓ Satisfactory
X Unsatisfactory
* Inspection hold points

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-2
Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building RB#1
Location

PROJECT: CPSES JOB NO.: 35-1195 UNIT 450-2 PAGE 1 OF 1

PC03434

General	Results	Initial	Date
1. Construction Procedure Approved	✓		11-22-77
2. Q. C. Instruction Approved	✓		11-22-77
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓		11-22-77
*2. Coating Material Acceptability	✓		11-22-77
Coating Mixing/Thinning Operations			
1. Mixing	✓		11-22-77
2. Thinning	✓		11-22-77

Comments: none

Final Acceptance: (B&R QC Inspector) Date 11-22-77

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

Material Identification	Batch Number	Weight Or Volume
1. Amerline (Base)	5C0683M	1 1/3 gal
2. Amerline (~~Hardener~~/Catalyst)	7E1511M	1 1/2 qts
Volume (1. + 2.) =		1 gal 3 1/2 qts
3. Amerline (Thinner)	7A6751M	3 qts
Volume (1.+2.+3) =		

Time Mixed 3:27 a.m (p.m)
Approx. Temperature 65° °F

Pot Life Expires: 5:27 a.m (p.m) (approx.)

FOR INFORMATION ONLY

ASSURANCE DEPARTMENT

CP-QCI-2.10-7
Revision 2
Attachment 4-A

STEEL SUBSTRATE / SEAL COAT APPLICATION CHECKLIST

Mech. Equip. Support Bracket

Location 2 Bldg. RB #1

PROJECT: CPSES JOB NO.: 35-1195 UNIT 400-4 PAGE 1 OF 2

PCO 3435

TAG/SPIN/IDENT. NO.						DRAWING/SPECIFICATION NO.					VENDOR'S HEAT/LOT/BATCH NO.
A	B	C	D	E	F	G (Units)	H (Units)	J (Units)			
400-4						2323 AS 31	X	X	X		

17-55

RLS/HOLD NO.	CODE	INPUT DATE
KLSD. CONST		11.22.77
STATUS 112-121		122-127

ARMS INDEXED

ENVIRONMENTAL DATA: DATE:

TIME OF DAY	TEMPERATURE			RELATIVE HUMIDITY	DEW POINT	SKY	WIND		PRECIP.
	DRY BULB	WET BULB	SURFACE				DIR.	VEL.	
4:00 PM	60°	50°	64°	48%	40°	Cloudy	N/A	N/A	N/A

	Results	Initial	Date
General			
1. Construction Procedure approved	✓	HTB	11-22-77
2. QC Instruction approved	✓	HTB	11-22-77
3. Coating applicators certified	✓	HTB	11-22-77
Pre-Application Operations			
1. Ambient conditions acceptable for seal coat application	✓	HTB	11-22-77
2. Coated surface acceptable for seal coat application	✓	HTB	11-22-77
3. Air supply acceptable for seal coat application	✓	HTB	11-22-77
Seal Coat Application Operations			
1. Surveillance inspection during seal coat application	✓	HTB	11-22-77
2. Wet film thickness check	N/A (record only)	HTB	11-22-77
Seal Coat Post Application Operations			
*1. Visual defects inspection	✓	HTB	11-23-77
*2. Dry film thickness	✓	HTB	11-23-77
3. Touch-up operations	N/A	HTB	11-23-77
4. Seal coat cure	✓	HTB	11-25-77

PERM. PLT. RECORD

RTN	FILE LOC.
L	17.1.09.3
SUBFILE LOC.	300/PC #

FOR INFORMATION ONLY

COATING APPLICATION SPECIFICATION: EXHIBIT 3-16

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS				TEST METHOD*	
			SPECIFIED	MIN	MAX	AVG		
10:00 AM		Spray	4.0	4.5	4.2	4.4	5	S/K 692905

QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE / SEAL COAT APPLICATION CHECKLIST

CP-QCI-2.10-7
Revision 2
Attachment 4-A

PROJECT: CPSES JOB NO.: 35-1195 UNIT 1&2-4 PAGE 2 OF 2

PC03435

Comments: None REF NCR C-81-01373

Attached documents (check those applicable)

None 1.
None 2. (other) _____
None 3. (other) _____

Final Acceptance H Gunn Date 11-25-77
B&R QC Engineer/Inspector

✓ Satisfactory
X Unsatisfactory
* Inspection hold points

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-2
Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building RB#1
Location

PROJECT: CPSES JOB NO.: 35-1195 UNIT 400-4 PAGE 1 OF 1

PCO3435

General	Results	Initial	Date
1. Construction Procedure Approved	✓	[illegible]	11-22-77
2. Q. C. Instruction Approved	✓	[illegible]	11-22-77
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓	[illegible]	11-22-77
*2. Coating Material Acceptability	✓	[illegible]	11-22-77
Coating Mixing/Thinning Operations			
1. Mixing	✓	[illegible]	11-22-77
2. Thinning	✓	[illegible]	11-22-77

Comments: none

Final Acceptance: [illegible] (B&R QC Inspector) Date 11-22-77

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

Material Identification	Batch Number	Weight Or Volume
1. Carboline (Base)	5C0683M	1 1/3 gal
2. Carboline (Hardener/Catalyst)	7E1511M	1 1/3 qts
	Volume (1. + 2.) =	4 gal 3 1/3 qts
3. Carboline (Thinner)	7A6751M	3 qts
	Volume (1.+2.+3) =	

Time Mixed 3:27 a.m. (p.m.)
Approx. Temperature 65° °F

Pot Life Expires: 5:27 a.m. (p.m.) (approx.)

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-7
Revision 2
Attachment 4-A

STEEL SUBSTRATE

Mech Equip. Support Bracket

SEAL COAT APPLICATION CHECKLIST

Location _____ Bldg. RB #1

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-12 PAGE 1 OF 2

AC03436

TAG/SPIN/IDENT. NO.	DRAWING/SPECIFICATION NO.			VENDOR'S HEAT/LOT/BATCH NO
A B C D E F	G, (Units)	H, (Units)	J, (Units)	
	17-55			8695

23 23 AS 31 X X X

RLS/HOLD NO.	CODE	INPUT DATE
STATUS		
112-121		122-127

RLSD. CONST | 11.22.77

INDEXED

DATE

ENVIRONMENTAL DATA:

TIME OF DAY	TEMPERATURE			RELATIVE HUMIDITY	DEW POINT	SKY	WIND		PRECIP.
	DRY BULB	WET BULB	SURFACE				DIR.	VEL.	
4:00 PM	60°	50°	64°	48%	40°	Cloudy	N/A	N/A	N/A

	Results	Initial	Date
General			
1. Construction Procedure approved	✓	HJB	11-22-77
2. QC Instruction approved	✓	HJB	11-22-77
3. Coating applicators certified	✓	HJB	11-22-77
Pre-Application Operations			
1. Ambient conditions acceptable for seal coat application	✓	HJB	11-22-77
2. Coated surface acceptable for seal coat application	✓	HJB	11-22-77
3. Air supply acceptable for seal coat application	✓	HJB	11-22-77
Seal Coat Application Operations			
1. Surveillance inspection during seal coat application	✓	HJB	11-22-77
2. Wet film thickness check	N/A (record only)	HJB	11-22-77
Seal Coat Post Application Operations			
*1. Visual defects inspection	✓	HJB	11-23-77
*2. Dry film thickness	✓	HJB	11-23-77
3. Touch-up operations	N/A	HJB	11-23-77
4. Seal coat cure	✓	HJB	11-25-77

PERM. PLT. RECORD

RTN	FILE LOC.
L	17.1.99.3
SUBFILE LOC.	300/PC #

EXHIBIT 3-17

FOR INFORMATION ONLY

COATING APPLICATION SPECIFICATION:

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS				TEST METHOD*	S/K.
			SPECIFIED	MIN	MAX	AVG		
10:00 AM		Spray	Appx 1.0	1.0	1.5	1.2	5	682905

QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE

Support Bracket / SEAL COAT APPLICATION CHECKLIST

CP-QCI-2.10-7
Revision 2
Attachment 4-A

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-12 PAGE 2 OF 2

PCO3436

Comments: None

REF. NCR C-81-01373

Attached documents (check those applicable)

None 1.
None 2. (other)
None 3. (other)

Final Acceptance H Gunn Date 11-25-77
B&R QC Engineer/Inspector

✓ Satisfactory
X Unsatisfactory
* Inspection hold points

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-2
Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building RB#1
Location

PROJECT: CPSES JOB NO.: 35-1195 UNIT 320-12 PAGE 1 OF 1

PO3436

General	Results	Initial	Date
1. Construction Procedure Approved	✓		11-22-77
2. Q. C. Instruction Approved	✓		11-22-77
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓		11-22-77
*2. Coating Material Acceptability	✓		11-22-77
Coating Mixing/Thinning Operations			
1. Mixing	✓		11-22-77
2. Thinning	✓		11-22-77

Comments: none

Final Acceptance: (B&R QC Inspector) Date 11-22-77

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

Material Identification	Batch Number	Weight Or Volume
1. Chemline (Base)	5C0683M	1 1/3 gal
2. Chemline (Hardener/Catalyst)	7E1511M	1 1/2 qts
Volume (1. + 2.) =		1 gal 3 1/2 qts
3. Chemline (Thinner)	7A6751M	3 qts
Volume (1.+2.+3) =		

Time Mixed 3:27 a.m. (p.m.)
Approx. Temperature 65° °F

Pot Life Expires: 5:27 a.m. (p.m.) (approx.)

FOR INFORMATION ONLY

EXHIBIT (3-18)

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-7
Revision 8
Attachment 4-A

STEEL SUBSTRATE

Mech Equip Support Bracket / SEAL COAT APPLICATION CHECKLIST

Location _____ Bldg. RB #1

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-9 PAGE 1 OF 2

PO3437

TAG/SPIN/IDENT. NO	DRAWING/SPECIFICATION NO.							VENDOR'S HEAT/LOT/BATCH NO.
A	B	C	D	E	F	G (Units)	H (Units)	J (Units)	
300-9						2323 AS 31	X	X	X	
						17-55				86-95

ENVIRONMENTAL DATA:

RLS/HOLD NO.	CODE	INPUT DATE
RLSD. CONST		11.22.77
STATUS 112-121		122-127

TIME OF DAY	TEMPERATURE			RELATIVE HUMIDITY	DEW POINT	SKY	WIND		PRECIP.
	DRY BULB	WET BULB	SURFACE				DIR.	VEL.	
4:00 PM	60°	50°	64°	48%	40°	Cloudy	N/A	N/A	N/A

	Results	Initial	Date
General			
1. Construction Procedure approved	✓	HTB	11-22-77
2. QC Instruction approved	✓	HTB	11-22-77
3. Coating applicators certified	✓	HTB	11-22-77
Pre-Application Operations			
1. Ambient conditions acceptable for seal coat application	✓	HTB	11-22-77
2. Coated surface acceptable for seal coat application	✓	HTB	11-22-77
3. Air supply acceptable for seal coat application	✓	HTB	11-22-77
Seal Coat Application Operations			
1. Surveillance inspection during seal coat application	✓	HTB	11-22-77
2. Wet film thickness check	N/A (record only)	HTB	11-22-77
Seal Coat Post Application Operations			
*1. Visual defects inspection	✓	HTB	11-23-77
*2. Dry film thickness	✓	HTB	11-23-77
3. Touch-up operations	N/A	HTB	11-23-77
4. Seal coat cure	✓	HTB	11-25-77

COATING APPLICATION SPECIFICATION: DATE EXHIBIT 3-18

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS				TEST METHOD	S/N
			SPECIFIED	MIN	MAX	AVG		
10:00AM		Spray	6 mil	4.0	6.2	4.4	6	692905

QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE

Support Bracket / SEAL COAT APPLICATION CHECKLIST

CP-QAI-2.10-7
Revision 2
Attachment 4-A

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-9 PAGE 2 OF 2

PO03437

Comments: None

REF NCR C-81-01373

Attached documents (check those applicable)

None 1.
None 2. (other)
None 3. (other)

Final Acceptance H Gunn Date 11-25-77
B&R QC Engineer/Inspector

✓ Satisfactory
X Unsatisfactory
* Inspection hold points

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-2
Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building _____
Location _____

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-9 PAGE 1 OF 1

PC03137

General	Results	Initial	Date
1. Construction Procedure Approved	✓	[illegible]	11-22-77
2. Q. C. Instruction Approved	✓	[illegible]	11-22-77
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓	[illegible]	11-22-77
*2. Coating Material Acceptability	✓	[illegible]	11-22-77
Coating Mixing/Thinning Operations			
1. Mixing	✓	[illegible]	11-22-77
2. Thinning	✓	[illegible]	11-22-77

Comments: none

Final Acceptance: [illegible] (B&R QC Inspector) Date 11-22-77

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

Material Identification	Batch Number	Weight Or Volume
1. Tnemec (Base)	5C0683M	1½ gal
2. Tnemec (~~Hardener~~/Catalyst)	7E1511M	1½ qts
Volume (1. + 2.) =		1 gal 3½ qts
3. Tnemec (Thinner)	7A6751M	3 qts
Volume (1.+2.+3) =		

Time Mixed 3:27 a.m. (p.m.)
Approx. Temperature 65 °F

Pot Life Expires: 5:27 a.m. (p.m.) (approx.)

FOR INFORMATION ONLY

EXHIBIT (3-19)

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-7
Revision 2
Attachment 4-A

STEEL SUBSTRATE

SEAL COAT APPLICATION CHECKLIST

Mech Equip Support Bracket

Location _____ Bldg. RB #1

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-B PAGE 1 OF 2

TAG/SPIN/IDENT. NO.	DRAWING/SPECIFICATION NO.			VENDOR'S HEAT/LOT/BATCH NO.
300-B	2323 AS 31	X	X	X
A B C D E F	G (Units) 17-55	H (Units)	J (Units)	

RLS/HOLD NO. RLS D. CONST | CODE W.22.77 | STATUS 112-121 | INPUT DATE 122-127

INDEXED

ENVIRONMENTAL DATA:

TIME OF DAY	TEMPERATURE			RELATIVE HUMIDITY	DEW POINT	SKY	WIND		PRECIP.
	DRY BULB	WET BULB	SURFACE				DIR.	VEL.	
4:00 PM	60°	50°	64°	48%	40°	Cloudy	N/A	N/A	N/A

	Results	Initial	Date
General			
1. Construction Procedure approved	✓	HTB	11-22-77
2. QC Instruction approved	✓	HTB	11-22-77
3. Coating applicators certified	✓	HTB	11-22-77
Pre-Application Operations			
1. Ambient conditions acceptable for seal coat application	✓	HTB	11-22-77
2. Coated surface acceptable for seal coat application	✓	HTB	11-22-77
3. Air supply acceptable for seal coat application	✓	HTB	11-22-77
Seal Coat Application Operations			
1. Surveillance inspection during seal coat application	✓	HTB	11-22-77
2. Wet film thickness check	N/A (record only)	HTB	11-22-77
Seal Coat Post Application Operations			
*1. Visual defects inspection	✓	HTB	11-23-77
*2. Dry film thickness	✓	HTB	11-23-77
3. Touch-up operations	N/A	HTB	11-23-77
4. Seal coat cure	✓	HTB	11-25-77

EXHIBIT 3-19

COATING APPLICATION SPECIFICATION:

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS				TEST METHOD*	S/N
			SPECIFIED	MIN	MAX	AVG		
10:00 AM		Spray						692905

QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE / SEAL COAT APPLICATION CHECKLIST

CP-QCI-2.10-7
Revision 2
Attachment 4-A

PROJECT: CPSES JOB NO.: 35-1195 UNIT 300-8 PAGE 2 OF 2

PC03438

Comments: None

REF NCR C-81-01373

Attached documents (check those applicable)

None 1.
None 2. (other)
None 3. (other)

Final Acceptance H Gunn Date 11-25-77
B&R QC Engineer/Inspector

✓ Satisfactory
X Unsatisfactory
* Inspection hold points

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-2
Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building RB #1
Location

PROJECT: CPSES JOB NO.: 35-1195 UNIT 320-B PAGE 1 OF 1

PC03438

General	Results	Initial	Date
1. Construction Procedure Approved	✓		11-22-77
2. Q. C. Instruction Approved	✓		11-22-77
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓		11-22-77
*2. Coating Material Acceptability	✓		11-22-77
Coating Mixing/Thinning Operations			
1. Mixing	✓		11-22-77
2. Thinning	✓		11-22-77

Comments: none

Final Acceptance: (B&R QC Inspector) Date 11-22-77

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

Material Identification	Batch Number	Weight Or Volume
1. Chemline (Base)	5C0683M	1 1/3 gal
2. Chemline (~~Filler~~/Catalyst)	7F1511M	1 1/3 qts
	Volume (1. + 2.) =	1 gal 3 1/3 qts
3. Chemline (Thinner)	7A6751M	3 qts
	Volume (1.+2.+3) =	

Time Mixed 3:27 ~~a.m~~ (p.m)
Approx. Temperature 65° °F

Pot Life Expires: 5:27 ~~a.m~~ (p.m) (approx.)

FOR INFORMATION ONLY

EXHIBIT (3-20)

QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE

CP-QCI-2.10-7
Revision 8
Attachment 4-A

Mech Equip Support Bracket /SEAL COAT APPLICATION CHECKLIST

Location _____ Bldg. RB #1

PROJECT: CPSES JOB NO.: 35-1195 UNIT 400-2 PAGE 1 OF 2

PC03439

TAG/SPIN/IDENT. NO.						DRAWING/SPECIFICATION NO.					VENDOR'S HEAT/LOT/BATCH NO.
A	B	C	D	E	F	G (Units)	H (Units)	J (Units)			
400-2						2323 AS 31	X	X	X		
						17-55					85-95

ARMS INDEXED

RLS/HOLD NO. RLSD. CONST | CODE | INPUT DATE 11.22.77

STATUS 112-121 | 122-127

ENVIRONMENTAL DATA:

DATE:

TIME OF DAY	TEMPERATURE			RELATIVE HUMIDITY	DEW POINT	SKY	WIND		PRECIP.
	DRY BULB	WET BULB	SURFACE				DIR.	VEL.	
4:00 PM	60°	50°	64°	48%	40°	Cloudy	N/A	N/A	N/A

	Results	Initial	Date
General			
1. Construction Procedure approved	✓	HTB	11-22-77
2. QC Instruction approved	✓	HTB	11-22-77
3. Coating applicators certified	✓	HTB	11-22-77
Pre-Application Operations			
1. Ambient conditions acceptable for seal coat application	✓	HTB	11-22-77
2. Coated surface acceptable for seal coat application	✓	HTB	11-22-77
3. Air supply acceptable for seal coat application	✓	HTB	11-22-77
Seal Coat Application Operations			
1. Surveillance inspection during seal coat application	✓	HTB	11-22-77
2. Wet film thickness check	N/A (record only)	HTB	11-22-77
Seal Coat Post Application Operations			
*1. Visual defects inspection	✓	HTB	11-23-77
*2. Dry film thickness	✓	HTB	11-23-77
3. Touch-up operations	N/A	HTB	11-23-77
4. Seal coat cure	✓	HTB	11-25-77

PERM. PLT. RECORD
RTN L | FILE LOC. 17.1.99.3
SUBFILE LOC. 300/PC #

EXHIBIT 3-20

FOR INFORMATION ONLY

COATING APPLICATION SPECIFICATION:

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS				TEST METHOD*	S/K.
			SPECIFIED	MIN	MAX	AVG		
10:00 AM		Spray	2 coats 10	12	14	13	5	692905

QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE / SEAL COAT APPLICATION CHECKLIST

CP-QCI-2.10-7
Revision 2
Attachment 4-A

PROJECT: CPSES JOB NO.: 35-1195 UNIT 1 & 2 PAGE 2 OF 2

PC03439

Comments: None

REF. NCR C-81-01373

Attached documents (check those applicable)

None 1.
None 2. (other)
None 3. (other)

Final Acceptance H Gunn Date 11-25-77
B&R QC Engineer/Inspector

✓ Satisfactory
X Unsatisfactory
* Inspection hold points

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-2
Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building RB #1
Location

PROJECT: CPSES JOB NO.: 35-1195 UNIT 400-2 PAGE 1 OF 1

PO 36139

General	Results	Initial	Date
1. Construction Procedure Approved	✓		11-22-77
2. Q. C. Instruction Approved	✓		11-22-77
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓		11-22-77
*2. Coating Material Acceptability	✓		11-22-77
Coating Mixing/Thinning Operations			
1. Mixing	✓		11-22-77
2. Thinning	✓		11-22-77

Comments: none

Final Acceptance: (B&R QC Inspector) Date 11-22-77

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

Material Identification	Batch Number	Weight Or Volume
1. Carboline (Base)	5C0683M	1½ gal
2. Carboline (Hardener/Catalyst)	7F1511M	1½ qts
Volume (1. + 2.) =		1 gal 3½ qts
3. Carboline (Thinner)	7A6751M	3 qts
Volume (1.+2.+3) =		

Time Mixed 3:27 a.m (p.m)
Approx. Temperature 65° °F

Pot Life Expires: 5:27 a.m (p.m) (approx.)

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-7
Revision 2
Attachment 4-A

STEEL SUBSTRATE / SEAL COAT APPLICATION CHECKLIST

Mech Equip. Support Bracket

Location _____ Bldg. RB #1

PROJECT: CPSES JOB NO.: 35-1195 UNIT 400-9 PAGE 1 OF 2

PO3440

TAG/IDENT. NO.	DRAWING/SPECIFICATION NO.				VENDOR'S HEAT/LOT/BATCH NO
A B C D E F	G (Units)	H (Units)	J (Units)		
400-9	2323 AS 31	X	X	X	17-55

RLS/HOLD NO. Rh SD. Const | CODE | INPUT DATE 11.22.77
STATUS 112-121 | 122-127

ARMS
INDEXED

ENVIRONMENTAL DATA:

DATE:

TIME OF DAY	TEMPERATURE: DRY BULB	WET BULB	SURFACE	RELATIVE HUMIDITY	DEW POINT	SKY	WIND: DIR.	WIND: VEL.	PRECIP.
4:00 PM	60°	50°	64°	48%	40°	Cloudy	N/A	N/A	N/A

	Results	Initial	Date
General			
1. Construction Procedure approved	✓	HTB	11-22-77
2. QC Instruction approved	✓	HTB	11-22-77
3. Coating applicators certified	✓	HTB	11-22-77
Pre-Application Operations			
1. Ambient conditions acceptable for seal coat application	✓	HTB	11-22-77
2. Coated surface acceptable for seal coat application	✓	HTB	11-22-77
3. Air supply acceptable for seal coat application	✓	HTB	11-22-77
Seal Coat Application Operations			
1. Surveillance inspection during seal coat application	✓	HTB	11-22-77
2. Wet film thickness check	N/A (record only)	HTB	11-22-77
Seal Coat Post Application Operations			
*1. Visual defects inspection	✓	HTB	11-23-77
*2. Dry film thickness	✓	HTB	11-23-77
3. Touch-up operations	N/A	HTB	11-23-77
4. Seal coat cure	✓	HTB	11-25-77

PERM. PLT. RECORD

RTN	FILE LOC.
L	17.1.99.3
SUBFILE LOC.	300/PC #

EXHIBIT 3-21

FOR INFORMATION ONLY

COATING APPLICATION SPECIFICATION:

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS: SPECIFIED	MIN	MAX	AVG	TEST METHOD	S/N
10:00 AM								692905

QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE / SEAL COAT APPLICATION CHECKLIST

CP-QCI-2.10-7
Revision 2
Attachment 4-A

PROJECT: CPSES JOB NO.: 35-1195 UNIT 1&2-9 PAGE 2 OF 2

PC03440

Comments: None

REF. NCR C-81-01373

Attached documents (check those applicable)

None 1.
None 2. (other) _____
None 3. (other) _____

Final Acceptance H Gunn Date 11-25-77
B&R QC Engineer/Inspector

✓ Satisfactory
X Unsatisfactory
* Inspection hold points

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-2
Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building _____
Location _____

PROJECT: CPSES JOB NO.: 35-1195 UNIT 400-9 PAGE 1 OF 1

PC03440

General	Results	Initial	Date
1. Construction Procedure Approved	✓	[illegible]	11-22-77
2. Q. C. Instruction Approved	✓	[illegible]	11-22-77
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓	[illegible]	11-22-77
*2. Coating Material Acceptability	✓	[illegible]	11-22-77
Coating Mixing/Thinning Operations			
1. Mixing	✓	[illegible]	11-22-77
2. Thinning	✓	[illegible]	11-22-77

Comments: none

Final Acceptance: [illegible] (B&R QC Inspector) Date 11-22-77

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

Material Identification	Batch Number	Weight Or Volume
1. Chemline (Base)	5C0683M	1½ gal
2. Chemline (Hardener/Catalyst)	7F1511M	1½ qts
	Volume (1. + 2.) =	1 gal 3½ qts
3. Chemline (Thinner)	7A6751M	3 qts
	Volume (1.+2.+3) =	

Time Mixed 3:27 a.m. (p.m.)
Approx. Temperature 65° °F

Pot life Expires: 5:27 a.m. (p.m.) (approx.)

FOR INFORMATION ONLY

BROWN & ROOT, INC.

QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE

CP-QCI-2.10-1
Revision 2
Attachment 4-A

Rotating Platform Support Brackets / SURFACE PREPARATION INSPECTION CHECKLIST

PROJECT: CPSES JOB NO.: 35-1195 UNIT A5-2 PAGE 1 OF 2

Building RB #1
Location

TAG/SPIN/IDENT. NO.						DRAWING/SPECIFICATION NO.			VENDOR'S DETAIL/BRANCH NO.
A	B	C	D	E	F	G, (Units)	H, (Units)	J, (Units)	
A5-2						23 23 A5 31	X	X	X
17-55									85-95

PERM RECORD

RLS/HOLD NO.	CODE	INPUT DATE
RLSDCONST		112277
STATUS 112-121		122-127

RTN: L
FILE LOC.: 17.1.99.3
SUBFILE LOC.: 300/PC #

ENVIRONMENTAL DATA:

TIME OF DAY	TEMPERATURE			RELATIVE HUMIDITY	DEW POINT	SKY	WIND		PRECIP.	
	DRY BULB	WET BULB	SURFACE				DIR.	VEL.		
7:40AM	52°	44°	55°	25%	44°	Cloudy	N/A	N/A	N/A	MTE 457 444
N/A	N/A	N/A	N/A	N/A	N/A	N/A	〃	〃	〃	
〃	〃	〃	〃	〃	〃	〃				
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

	Results	Initial	Date
General			
1. Construction procedure approved/available	✓	HTB	11-22-77
2. QC Instruction approved/available	✓	HTB	11-22-77
Pre-Blast Cleaning Operations			
*1. Ambient conditions/surface temp. evaluation	✓	HTB	11-22-77
2. Sand acceptability	✓	HTB	11-22-77
*3. Blast equipment check			
A. Separator	✓	HTB	11-22-77
B. Air supply	✓	HTB	11-22-77
*4. Steel surface cleanliness check	✓	HTB	11-22-77
*5. Steel surface projections check	✓	HTB	11-22-77
Blast Cleaning Operations			
1. Sandblasting technique check	✓	HTB	11-25-77
Post Blast Cleaning Operations			
1. Sandblast cleanup		HTB	11-22-77
*2. Sandblasted surface acceptability			
A. Absence of foreign matter	✓	HTB	11-22-77
B. Removal of sharp projections	✓	HTB	11-22-77
	✓	HTB	11-22-77

2.10-2 1-77

FOR INFORMATION ONLY

SURFACE PREPARATION: SPECIFICATION: ARMS INDEXED

TIME OF DAY	SPECIFIED SSPC-SP	ACTUAL (GRIT)	PROFILE	TEST

EXHIBIT R-R2

QUALITY ASSURANCE DEPARTMENT
STEEL SUBSTRATE
PRIMER APPLICATION CHECKLIST

CP-QCI-2.10-3
Revision 2
Attachment 4-A

PROJECT: CPSES JOB NO.: 35-1195 UNIT A5-2 PAGE 2 OF 2

AC03237

Cont'd

Comments: None

REF NCR C-81-0373

Attached documents (check those applicable)

None 1: Coating Work Exception Records
2. (other)
2 3. (other)
None 4. (other)

Final Acceptance H Gunn Date 11-23-77
B&R QC Engineer/Inspector

✓ Satisfactory
X Unsatisfactory
* Inspection Hold Points

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT
STEEL SUBSTRATE / PRIMER APPLICATION CHECKLIST

CP-QCI-2.10-3
Revision 2
Attachment 4-A

Rotating Platform Support Brackets

PC03737

PROJECT: CPSES JOB NO.: 35-1195 UNIT A5-2 PAGE 1 OF 2

TAG/SPIN/IDENT. NO.						DRAWING/SPECIFICATION NO.				VENDOR'S HEAT/LOT/BATCH NO.
A	B	C	D	E	F	G, (Units)	H, (Units)	J, (Units)		
A5-2						2323A531				
						17-55				26-95

RLS/HOLD NO.	CODE	INPUT DATE
RLS Const		11-22-77
STATUS		
112-121		122-127

ENVIRONMENTAL DATA:

TIME OF DAY	TEMPERATURE			RELATIVE HUMIDITY	DEW POINT	SKY	WIND		PRECIP.
	DRY BULB	WET BULB	SURFACE				DIR.	VEL.	
4:00 PM	58°	44°	58°	27%	25°	Cloudy	N/A	N/A	None

General	Results	Initial	Date
1. Construction Procedure approved/available	✓	HTB	11-22-77
2. QC Instruction approved/available	✓	HTB	11-22-77
3. Coating applicators qualified	✓	HTB	11-22-77
Pre-Application Operations			
1. Ambient conditions acceptable for primer application	✓	HTB	11-22-77
2. Steel surface acceptable for primer application	✓	HTB	11-22-77
*3. Air supply acceptable for primer application	✓	HTB	11-22-77
Primer Application Operations			
1. Surveillance inspection during primer application	✓	HTB	11-22-77
Primer Post Application Operations			
*1. Visual Defects Inspection	✓	HTB	11-23-77
2. Dry Film Thickness	✓	HTB	11-23-77
3. Touch-up/Repairs	N/A	HTB	11-23-77
*4. Primer Tack-Free Cure	✓	HTB	11-23-77
*5. Primer Cure Prior to Topcoating	✓	HTB	11-23-77

FOR INFORMATION ONLY

COATING APPLICATION SPECIFICATION:

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS				TEST METHOD*	SN 692905
			SPECIFIED	MIN	MAX	AVG		

QUALITY ASSURANCE DEPARTMENT
STEEL SUBSTRATE

Support Bracket / SURFACE PREPARATION INSPECTION CHECKLIST

Building: RB #1
Location:

PROJECT: CPSES JOB NO.: 35-1195 UNIT A5-2 PAGE 1 OF 1

PC03237

Comments: None

REF. NCR C-81-01373

*Inspection hold point

Attached Documents:

None 1.

None 2.

Final Acceptance H Gunn Date 11-22-77
B&R QC Inspector

✓ Satisfactory
X Unsatisfactory

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building RB #1
Location

PROJECT: CPSES JOB NO.: 35-1195 UNIT A5-2 PAGE 1 OF 1

PC03237

General	Results	Initial	Date
1. Construction Procedure Approved	✓	HHS	11-22-77
2. Q. C. Instruction Approved	✓	HHS	11-22-77
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓	HHS	11-22-77
*2. Coating Material Acceptability	✓	HHS	11-22-77
Coating Mixing/Thinning Operations			
1. Mixing	✓	HHS	11-22-77
2. Thinning	✓	HHS	11-22-77

Comments: Rotating Platform Support Brackets

Final Acceptance: H Gunn (B&R QC Inspector) Date 11-22-77

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

	Material Identification	Batch Number	Weight Or Volume
1.	CZ 11 (Base)	TF5068M	13 lb 3.2 oz
2.	CZ 11 (Filler/Catalyst)	TJ09387	29 lb 3.2 oz
		Volume (1. + 2.) =	2 gal
3.	Carboline #33 (Thinner)	TC0708M	2 pt
		Volume (1.+2.+3) =	2 gal 1 pt

Time Mixed 4:15 K.D.M.
Approx. Temperature 60° °F

Pot Life Expires: 12:15 (approx.) (a.m.)

FOR INFORMATION ONLY

FOR INFORMA...

EXHIBIT (3-23)

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-7
Revision 2
Attachment 4-A

STEEL SUBSTRATE

LINER PLATE / SEAL COAT APPLICATION CHECKLIST

Location Shop Bldg. RB #1

PROJECT: CPSES PC01397 JOB NO.: 35-1195 UNIT _____ PAGE 1 OF 2

TAG/SPIN/IDENT. NO.						DRAWING/SPECIFICATION NO.			VENDOR'S HEAT/LOT/BATCH NO.
A	B	C	D	E	F	G, (Units)	H, (Units)	J, (Units)	
4E-3-123						2523 A5 31 X			ARMS INDEXED
						17-55			

PERMAPLT. RECORD

RLS/HOLD NO.	CODE	INPUT DATE
RLSDCONST		4/05/78
STATUS		
112-121		122-127

RTN 1 FILE LOC 7.3.99.3

SUBFILE LOC 300/PC01397

ENVIRONMENTAL DATA:

TIME OF DAY	TEMPERATURE			RELATIVE HUMIDITY	DEW POINT	SKY	WIND		PRECIP.	MT
	DRY BULB	WET BULB	SURFACE				DIR.	VEL.		
11:00AM	57°	55°	62°	85%	55°	CLEAR	N/A	N/A	N/A	44 45

	Results	Initial	Date
General			
1. Construction Procedure approved	✓	HJB	1-5-78
2. QC Instruction approved	✓	HJB	1-5-78
3. Coating applicators certified	✓	HJB	1-5-78
Pre-Application Operations			
1. Ambient conditions acceptable for seal coat application	✓	HJB	1-5-78
2. Coated surface acceptable for seal coat application	✓	HJB	1-5-78
3. Air supply acceptable for seal coat application	✓	HJB	1-5-78
Seal Coat Application Operations			
1. Surveillance inspection during seal coat application	✓	HJB	1-5-78
2. Wet film thickness check	N/A (record only)	HJB	1-5-78
Seal Coat Post Application Operations			
*1. Visual defects inspection	✓	HJB	1-9-78
*2. Dry film thickness	✓	HJB	1-9-78
3. Touch-up operations	N/A	HJB	1-9-78
4. Seal coat cure	✓	HJB	1-9-78

EXHIBIT 3-23

COATING APPLICATION SPECIFICATION

FOR INFORMATION ONLY

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS SPECIFIED	MIN	MAX	AVG	METHOD	SN
8:15AM	Shop	Spray						692905

QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE / SEAL COAT APPLICATION CHECKLIST

CP-QCI-2.10-7
Revision 2
Attachment 4-A

PROJECT: CASES JOB NO.: 35-1195 UNIT RB#1 PAGE 2 OF 2

PC01397

Comments: NONE

REF: UCRCH81-01567

Attached documents (check those applicable)

N/A 1.
( ) 2. (other)
( ) 3. (other)

Final Acceptance H Gunn Date 1-9-78
B&R QC Engineer/Inspector

✓ Satisfactory
X Unsatisfactory
* Inspection hold points

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-2
Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building RB #1
Location Shop

PROJECT: CPSES JOB NO.: 35-1195 UNIT ____ PAGE 1 OF 1

48-3-123
PCO139.7

General	Results	Initial	Date
1. Construction Procedure Approved	✓	HJG	1-5-78
2. Q. C. Instruction Approved	✓	HJG	1-5-78
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓	HJG	1-5-78
*2. Coating Material Acceptability	✓	HJG	1-5-78
Coating Mixing/Thinning Operations			
1. Mixing	✓	HJG	1-5-78
2. Thinning	✓	HJG	1-5-78

Comments: ____

Final Acceptance: H. Gussen (B&R QC Inspector) Date 1-5-78

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

	Material Identification	Batch Number	Weight Or Volume
1.	THENOLINE (Base)	7C0683M	.3GAL
2.	THENOLINE (Fiber/Catalyst)	7F1537M	3QT
		Volume (1. + 2.) =	3GAL 3QT
3.	THENOLINE (Thinner)	7H6196M	6QT
		Volume (1.+2.+3) =	5GAL 1QT

Time Mixed 10:30 (a.m.) p.m.
Approx. Temperature 57 °F

Pot Life Expires: 4:00 a.m. (p.m.) (approx.)

FOR INFORMATION ONLY

EXHIBIT (3-24)

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-7
Revision 2
Attachment 4-A

STEEL SUBSTRATE
LINER PLATE / SEAL COAT APPLICATION CHECKLIST

Location Shop Bldg. RB #1

PROJECT: CPSES PC01398 JOB NO.: 35-1195 UNIT _____ PAGE 1 OF 2

48-3-114 | 25 25 A5 31 | X | X

TAG/SPIN/IDENT. NO.						DRAWING/SPECIFICATION NO.								
A	B	C	D	E	F	G (Units)		H (Units)		J (Units)		VENDOR'S HEAT/LOT/BATCH NO.		
						17-55								

ARMS INDEXED
CMTR RECORD

RLS/HOLD NO. | CODE: RLSDCONST | INPUT DATE: 1.19.78
STATUS: 112-121 | 122-127

RTN 4 | FILE LOC 17.7.99.3
SUBFILE LOC 300/PC01398

ENVIRONMENTAL DATA:

TIME OF DAY	TEMPERATURE			RELATIVE HUMIDITY	DEW POINT	SKY	WIND		PRECIP.	MIC
	DRY BULB	WET BULB	SURFACE				DIR.	VEL.		
11:00AM	57°	55°	62°	85%	55°	Clear	N/A	N/A	N/A	440 407

	Results	Initial	Date
General			
1. Construction Procedure approved	✓	HJB	1-5-78
2. QC Instruction approved	✓	HJB	1-5-78
3. Coating applicators certified	✓	HJB	1-5-78
Pre-Application Operations			
1. Ambient conditions acceptable for seal coat application	✓	HJB	1-5-78
2. Coated surface acceptable for seal coat application	✓	HJB	1-5-78
3. Air supply acceptable for seal coat application	✓	HJB	1-5-78
Seal Coat Application Operations			
1. Surveillance inspection during seal coat application	✓	HJB	1-5-78
2. Wet film thickness check	N/A (record only)	HJB	1-5-78
Seal Coat Post Application Operations			HJB
*1. Visual defects inspection	✓	HJB	1-9-78
*2. Dry film thickness	✓	HJB	~~1-9-78~~
3. Touch-up operations	✓	HJB	1-9-78
4. Seal coat cure	N/A	HJB	1-9-78
	✓	HJB	1-9-78

FOR INFORMATION ONL

EXHIBIT 3-24

COATING APPLICATION SPECIFICATION:

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS				TEST METHOD*	S/N
			SPECIFIED	MIN	MAX	AVG		
8:15	Shop	Spray						69290

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-2
Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building RB #1
Location Shop

PROJECT: CPSES JOB NO.: 35-1195 UNIT ____ PAGE 1 OF 1

48-3-114

PCO1398

General	Results	Initial	Date
1. Construction Procedure Approved	✓	HJG	1-5-78
2. Q. C. Instruction Approved	✓	HJG	1-5-78
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓	HJG	1-5-78
*2. Coating Material Acceptability	✓	HJG	1-5-78
Coating Mixing/Thinning Operations			
1. Mixing	✓	HJG	1-5-78
2. Thinning	✓	HJG	1-5-78

Comments: ____

Final Acceptance: H Gurnee (B&R QC Inspector) Date 1-5-78

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

Material Identification	Batch Number	Weight Or Volume
1. PHENOLINE (Base)	7C0683M	3GAL
2. PHENOLINE (Filler/Catalyst)	7F1537M	3QT
Volume (1. + 2.) =		3GAL 3QT
3. PHENOLINE (Thinner)	7H6196M	6 QT
Volume (1.+2.+3) =		5GAL 1QT

Time Mixed 10:30 (a.m.) ~~p.m.~~
Approx. Temperature 57 °F

Pot Life Expires: 4:00 a.m. (p.m.) (approx.)

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-2
Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building RB #1
Location Shop

PROJECT: CPSES JOB NO.: 35-1195 UNIT ____ PAGE 1 OF 1

48-3-114

PC01398

General	Results	Initial	Date
1. Construction Procedure Approved	✓	HJG	1-5-78
2. Q. C. Instruction Approved	✓	HJG	1-5-78
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓	HJG	1-5-78
*2. Coating Material Acceptability	✓	HJG	1-5-78
Coating Mixing/Thinning Operations			
1. Mixing	✓	HJG	1-5-78
2. Thinning	✓	HJG	1-5-78

Comments: ____

Final Acceptance: H Jensen (B&R QC Inspector) Date 1-5-78

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

	Material Identification	Batch Number	Weight Or Volume
1.	THEROLINE (Base)	7C0683M	.3GAL
2.	THEROLINE (Filler/Catalyst)	7F1537M	3QT
		Volume (1. + 2.) =	3GAL 3QT
3.	THEROLINE (Thinner)	7H6196M	6QT
		Volume (1.+2.+3) =	5GAL 1QT

Time Mixed 10:30 (a.m.) p.m.
Approx. Temperature 57 °F

Pot Life Expires: 4:00 a.m. (p.m.) (approx.)

FOR INFORMATION ONLY

EXHIBIT (3-25)

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-7
Revision 2
Attachment 4-A

STEEL SUBSTRATE

LINER PLATE / SEAL COAT APPLICATION CHECKLIST

Location Shop Bldg. RB #1

PROJECT: CPSES PC01399 JOB NO.: 35-1195 UNIT 1 PAGE 1 OF 2

TAG/SPIN/IDENT. NO.	DRAWING/SPECIFICATION NO.			ARMS
48-3-127	2523 AS 31	X	X	INDEXED
A B C D E F	G, (Units)	H, (Units)	J, (Units)	VENDOR'S HEAT/LOT/BATCH NO.
	17-55			CAT. OF SPEC. PERM. PLT. RECORD

ENVIRONMENTAL DATA:

RLS/HOLD NO.	CODE	INPUT DATE
RLSDCONST		01978
STATUS 112-121		122-127

RTN 4 FILE LOC 17.7.99.3

SUBFILE LOC 3001-PC01399

TIME OF DAY	TEMPERATURE			RELATIVE HUMIDITY	DEW POINT	SKY	WIND		PRECIP.
	DRY BULB	WET BULB	SURFACE				DIR.	VEL.	
11:00AM	57°	55°	62°	85%	55°	CLEAR	N/A	N/A	N/A

	Results	Initial	Date
General			
1. Construction Procedure approved	✓	HJB	1-5-78
2. QC Instruction approved	✓	HJB	1-5-78
3. Coating applicators certified	✓	HJB	1-5-78
Pre-Application Operations			
1. Ambient conditions acceptable for seal coat application	✓	HJB	1-5-78
2. Coated surface acceptable for seal coat application	✓	HJB	1-5-78
3. Air supply acceptable for seal coat application	✓	HJB	1-5-78
Seal Coat Application Operations			
1. Surveillance inspection during seal coat application	✓	HJB	1-5-78
2. Wet film thickness check	N/A (record only)	HJB	1-5-78
Seal Coat Post Application Operations			
*1. Visual defects inspection	✓	HJB	1-9-78
*2. Dry film thickness	✓	HJB	1-9-78
3. Touch-up operations	N/A	HJB	1-9-78
4. Seal coat cure	✓	HJB	1-9-78

FOR INFORMATION ONLY

EXHIBIT 3-25

COATING APPLICATION SPECIFICATION:

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS				TEST METHOD*	S/N
			SPECIFIED	MIN	MAX	AVG		
8:15 AM	Shop	Spray						692905

QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE / SEAL COAT APPLICATION CHECKLIST

CP-QCI-2.10-7
Revision 2
Attachment 4-A

PROJECT: CPSES JOB NO.: 35-1195 UNIT Re #1 PAGE 2 OF 2

PC01399

Comments: NONE

REF: NCR C-81-01567

Attached documents (check those applicable)

N/A 1.
(2. (other)
) 3. (other)

Final Acceptance H Gurry Date 1-9-78
B&R QC Engineer/Inspector

✓ Satisfactory
X Unsatisfactory
* Inspection hold points

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CI-QA-2.10-2
Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building RB#1
Location Shop

PROJECT: CPSES JOB NO.: 35-1195 UNIT ____ PAGE 1 OF 1

48-3-127

PC01399

General	Results	Initial	Date
1. Construction Procedure Approved	✓	HG	1-5-78
2. Q. C. Instruction Approved	✓	HG	1-5-78
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓	HG	1-5-78
*2. Coating Material Acceptability	✓	HG	1-5-78
Coating Mixing/Thinning Operations			
1. Mixing	✓	HG	1-5-78
2. Thinning	✓	HG	1-5-78

Comments: ____

Final Acceptance: H Green (B&R QC Inspector) Date 1-5-78

Satisfactory
X Unsatisfactory
*Inspection Hold Point

PERM. PLT. RECORD
RTN 4 | MAT LOG 79.1.99.3
SUBFILE LOG 300/PC01399

Coating Mixing/Thinning Record

	Material Identification	Batch Number	Weight Or Volume
1.	THEROLINE (Base)	7C0683M	3 GAL
2.	THEROLINE (Fiber/Catalyst)	7F1537M	3 QT
		Volume (1. + 2.) =	3GAL 3QT
3.	THEROLINE (Thinner)	7H6196M	6 QT
		Volume (1.+2.+3) =	5GAL 1QT

Time Mixed 10:30 (a.m./p.m.)
Approx. Temperature 57 °F

Pot Life Expires: 4:00 a.m. (p.m.) (approx.)

FOR INFORMATION ONLY

STEEL SUBSTRATE
LINER PLATE SEAL COAT APPLICATION CHECKLIST

Location Shop Bldg. RB#1

PROJECT: CPSES PC01400 JOB NO.: 35-1195 UNIT ______ PAGE 1 OF 2

48-3-118	2323 AS 31	X	X
TAG/SPIN/IDENT. NO.	DRAWING/SPECIFICATION NO.		VENDOR'S HEAT/LOT/BATCH NO
A B C D E F	G (Units) 17-55	H (Units)	J (Units) 86-95

RLS/HOLD NO.	CODE	INPUT DATE
RLSDCONST		010578
STATUS 112-121		122-127

ENVIRONMENTAL DATA:

TIME OF DAY	TEMPERATURE DRY BULB	WET BULB	SURFACE	RELATIVE HUMIDITY	DEW POINT	SKY	WIND DIR.	WIND VEL.	PRECIP.	M...
11:00AM	57°	55°	62°	85%	55°	CLEAR	N/A	N/A	N/A	44 45

General	Results	Initial	Date
1. Construction Procedure approved	✓	HJB	1-5-78
2. QC Instruction approved	✓	HJB	1-5-78
3. Coating applicators certified	✓	HJB	1-5-78
Pre-Application Operations			
1. Ambient conditions acceptable for seal coat application		HJB	1-5-78
2. Coated surface acceptable for seal coat application		HJB	1-5-78
3. Air supply acceptable for seal coat application		HJB	1-5-78
Seal Coat Application Operations			
1. Surveillance inspection during seal coat application	✓	HJB	1-5-78
2. Wet film thickness check	N/A (record only)	HJB	1-5-78
Seal Coat Post Application Operations			
*1. Visual defects inspection	✓	HJB	1-9-78
*2. Dry film thickness	✓	HJB	1-9-78
3. Touch-up operations	N/A	HJB	1-9-78
4. Seal coat cure	✓	HJB	1-9-78

ARMS INDEXED

PERM. PLT. RECORD

RTN	DATE
L	17.1.98.B
SUBFILE LOC	
300/PC-01400	

EXHIBIT 3-26

FOR INFORMATION ONLY

COATING APPLICATION SPECIFICATION:

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS SPECIFIED	MIN	MAX	AVG	TEST METHOD*	S/N 692905
8:15AM	Shop	SPRAY	...4.0	4.0	4.6	4.3	...	

Brown & Root, Inc.

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-7
Revision -
Attachme -A

STEEL SUBSTRATE / SEAL COAT APPLICATION CHECKLIST

PROJECT: CPSES JOB NO.: 35-1195 UNIT CB #1 PAGE 2 OF 2

PCO1400

Comments: None

REF NCR C-81-01567

Attached documents (check those applicable)

N/A 1.
( ) 2. (other)
( ) 3. (other)

Final Acceptance H Gunn Date 1-9-78
B&R QC Engineer/Inspector

✓ Satisfactory
X Unsatisfactory
* Inspection hold points

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-2
Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building RB #1
Location Shop

PROJECT: CPSES JOB NO.: 35-1195 UNIT _____ PAGE 1 OF 1

4E-3-118

PCO1400

General	Results	Initial	Date
1. Construction Procedure Approved	✓	HH	1-5-78
2. Q. C. Instruction Approved	✓	HH	1-5-78
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓	HH	1-5-78
*2. Coating Material Acceptability	✓	HH	1-5-78
Coating Mixing/Thinning Operations			
1. Mixing	✓	HH	1-5-78
2. Thinning	✓	HH	1-5-78

Comments: _____

Final Acceptance: H. Guest (B&R QC Inspector) Date 1-5-78

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

	Material Identification	Batch Number	Weight Or Volume
1.	PHENOLINE (Base)	7C0683M	3 GAL
2.	PHENOLINE (Filler/Catalyst)	7F1537M	3 QT
		Volume (1. + 2.) =	3GAL 3QT
3.	PHENOLINE (Thinner)	7H6196M	6 QT
		Volume (1.+2.+3) =	5GAL 1QT

Time Mixed 10:30 (a.m.)/p.m.
Approx. Temperature 57 °F

Pot Life Expires: 4:00 a.m. (p.m.) (approx.)

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-7
Revision 2
Attachment 4-A

STEEL SUBSTRATE
LINER PLATE SEAL COAT APPLICATION CHECKLIST

Location Shop Bldg. RB#1

PROJECT: CPSES PC01401 JOB NO.: 35-1195 UNIT _____ PAGE 1 OF 2

TAG/SPIN/IDENT. NO.						DRAWING/SPECIFICATION NO.			VENDOR'S HEAT/LOT/BATCH NO
A	B	C	D	E	F	G, (Units)	H, (Units)	J, (Units)	
48-3-113						2523 A5 31	X	X	
						17-55			86-95

RLS/HOLD NO. CODE: RLSDCONST a.19578
STATUS: 112-121
INPUT DATE: 122-127

ENVIRONMENTAL DATA:

TIME OF DAY	TEMPERATURE			RELATIVE HUMIDITY	DEW POINT	SKY	WIND		PRECIP.
	DRY BULB	WET BULB	SURFACE				DIR.	VEL.	
11:00AM	57°	55°	62°	85%	55°	CLEAR	N/A	N/A	N/A

	Results	Initial	Date
General			
1. Construction Procedure approved	✓	HEB	1-5-78
2. QC Instruction approved	✓	HEB	1-5-78
3. Coating applicators certified	✓	HEB	1-5-78
Pre-Application Operations			
1. Ambient conditions acceptable for seal coat application	✓	HEB	1-5-78
2. Coated surface acceptable for seal coat application	✓	HEB	1-5-78
3. Air supply acceptable for seal coat application	✓	HEB	1-5-78
Seal Coat Application Operations			
1. Surveillance inspection during seal coat application	✓	HEB	1-5-78
2. Wet film thickness check	N/A (record only)	HEB	1-5-78
Seal Coat Post Application Operations			
*1. Visual defects inspection	✓	HEB	1-9-78
*2. Dry film thickness	✓	HEB	1-9-78
3. Touch-up operations	N/A	HEB	1-9-78
4. Seal coat cure	✓	HEB	1-9-78

ARMS INDEXED
DATE:

PERM. PLT. RECORD
RTN 4 | 12.1-99.3 | LOC
SUBFILE LOC. 300/PC01401

FOR INFORMATION ONLY

COATING APPLICATION SPECIFICATION: EXHIBIT 3-27

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS				TEST METHOD*	S/N
			SPECIFIED	MIN	MAX	AVG		
10:00AM	Shop	Spray						692905

BROWN & ROOT, INC.

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-7
Revision 2
Attachment -A

STEEL SUBSTRATE
LINER PLATE / SEAL COAT APPLICATION CHECKLIST

PROJECT: CPSES JOB NO.: 35-1195 UNIT #1 PAGE 2 OF 2

PC01401

Comments: NONE

REF WCRC-BI-01567

Attached documents (check those applicable)

N/A 1.
(2. (other)
) 3. (other)

Final Acceptance H Gunn Date 1-9-78
B&R QC Engineer/Inspector

✓ Satisfactory
X Unsatisfactory
* Inspection hold points

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-2
Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building RB #1
Location Shop

PROJECT: CPSES JOB NO.: 35-1195 UNIT ____ PAGE 1 OF 1

CI-3-113

PCO1401

General	Results	Initial	Date
1. Construction Procedure Approved	✓	HG	1-5-78
2. Q. C. Instruction Approved	✓	HG	1-5-78
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓	HG	1-5-78
*2. Coating Material Acceptability	✓	HG	1-5-78
Coating Mixing/Thinning Operations			
1. Mixing	✓	HG	1-5-78
2. Thinning	✓	HG	1-5-78

Comments:

Final Acceptance: H Green (B&R QC Inspector) Date 1-5-78

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

	Material Identification	Batch Number	Weight Or Volume
1.	PHENOLINE (Base)	7C0683M	3GAL
2.	PHENOLINE (Filler/Catalyst)	7F1537M	3QT
		Volume (1. + 2.) =	3GAL 3QT
3.	PHENOLINE (Thinner)	7H6196M	6 QT
		Volume (1.+2.+3) =	5GAL 1QT

Time Mixed 10:30 a.m. (p.m.)
Approx. Temperature 57 °F

Pot Life Expires: 4:00 a.m. (p.m.) (approx.)

FOR INFORMATION ONLY

EXHIBIT (3-28)

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-7
Revision 2
Attachment 4-A

STEEL SUBSTRATE

LINER PLATE / SEAL COAT APPLICATION CHECKLIST

Location Shop Bldg. RB #1

PROJECT: CPSES PC01402 JOB NO.: 35-1195 UNIT _____ PAGE 1 OF 2

TAG/SPIN/IDENT. NO.						DRAWING/SPECIFICATION NO.			VENDOR'S HEAT/LOT/BATCH NO.
A	B	C	D	E	F	G, (Units)	H, (Units)	J, (Units)	
48-3-115						2525 A5 31 X	X		
						17.55			8695

RLS/HOLD NO.	CODE	INPUT DATE
RLSDCONST		1.05.78
STATUS		
112-121		122-127

ENVIRONMENTAL DATA:

TIME OF DAY	TEMPERATURE			RELATIVE HUMIDITY	DEW POINT	SKY	WIND		PRECIP.
	DRY BULB	WET BULB	SURFACE				DIR.	VEL.	
11:00AM	57°	55°	62°	85%	55°	CLEAR	N/A	N/A	N/A

	Results	Initial	Date
General			
1. Construction Procedure approved	✓	HEB	1-5-78
2. QC Instruction approved	✓	HEB	1-5-78
3. Coating applicators certified	✓	HEB	1-5-78
Pre-Application Operations			
1. Ambient conditions acceptable for seal coat application	✓	HEB	1-5-78
2. Coated surface acceptable for seal coat application	✓	HEB	1-5-78
3. Air supply acceptable for seal coat application	✓	HEB	1-5-78
Seal Coat Application Operations			
1. Surveillance inspection during seal coat application	✓	HEB	1-5-78
2. Wet film thickness check	N/A (record only)	HEB	1-5-78
Seal Coat Post Application Operations			
*1. Visual defects inspection	✓	HEB	1-9-78
*2. Dry film thickness	✓	HEB	1-9-78
3. Touch-up operations	N/A	HEB	1-9-78
4. Seal coat cure	✓	HEB	1-9-78

ARMS INDEXED
DATE:

PERM. PLT. RECORD
RTN 4 | MLP LOC. 17.1.99.3
SUBFILE LOC 300/PC01402

FOR INFORMATION C... EXHIBIT 3-29

COATING APPLICATION SPECIFICATION:

TIME OF DAY	LOCATION	APPLICATION METHOD	COATING THICKNESS				TEST METHOD*	S/N
			SPECIFIED	MIN	MAX	AVG		
8:15 PM	Shop	SPRAY	8 mil	7.4	14	10.4		692905

QUALITY ASSURANCE DEPARTMENT

STEEL SUBSTRATE / SEAL COAT APPLICATION CHECKLIST

CP-QCI-2.10-7
Revision 2
Attachment 4-A

PROJECT: CPSES JOB NO.: 35-1195 UNIT RB #1 PAGE 2 OF 2

PCO1402

Comments: NONE

REF: NCR C-81-01567

Attached documents (check those applicable)

N/A 1.
(2. (other)
S 3. (other)

Final Acceptance H Gunn Date 1-9-79
B&R QC Engineer/Inspector

✓ Satisfactory
X Unsatisfactory
* Inspection hold points

FOR INFORMATION ONLY

QUALITY ASSURANCE DEPARTMENT

CP-QCI-2.10-2
Revision 2
Attachment 4-A

PROTECTIVE COATING MATERIAL IDENTIFICATION AND MIXING CHECKLIST

Building KB #1
Location Shop

PROJECT: CPSES JOB NO.: 35-1195 UNIT _____ PAGE 1 OF 1

48-3-115
PCO1402

General	Results	Initial	Date
1. Construction Procedure Approved	✓	HJG	1-5-78
2. Q. C. Instruction Approved	✓	HJG	1-5-78
Premixing Coating Materials Verification			
1. Coating Material Product Identification	✓	HJG	1-5-78
*2. Coating Material Acceptability	✓	HJG	1-5-78
Coating Mixing/Thinning Operations			
1. Mixing	✓	HJG	1-5-78
2. Thinning	✓	HJG	1-5-78

Comments: _____

Final Acceptance: H. Green (B&R QC Inspector) Date 1-5-78

Satisfactory
X Unsatisfactory
*Inspection Hold Point

Coating Mixing/Thinning Record

	Material Identification	Batch Number	Weight Or Volume
1.	PHENOLINE (Base)	7C0683M	.3GAL
2.	PHENOLINE (Filler/Catalyst)	7F1537M	3QT
		Volume (1. + 2.) =	3GAL 3QT
3.	PHENOLINE (Thinner)	7H6196M	6 QT
		Volume (1.+2.+3) =	5GAL 1QT

Time Mixed 10:30 a.m. (p.m.)
Approx. Temperature 57 °F

Pot Life Expires: 4:00 a.m. (p.m.) (approx.)

FOR INFORMATION ONLY

EXHIBIT (4)