

C-30-1



SUBSIDIARY OF CURTIS-WRIGHT CORPORATION
288 ADAMS BOULEVARD
FARMINGDALE, L. I., NEW YORK 11735
PHONE: (516) 283-4900 TELEX: 96 1489
SHOT-PEENING SERVICE

43748

TERMS: NET 30 DAYS	WHEN REMITTING PLEASE USE THIS INVOICE NO. →	INVOICE NO. 3-	INVOICE DATE
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SOLD TO **LONG ISLAND LIGHTHOUSE CO.** SHIP TO
 SAME AS "SHIP TO" UNLESS NOTED
P.O. BOX 604
WADSWICK RIVER, NEW YORK 11792

YOUR P.O. NO. 366201	JOB NO.	SHIPPER NO.	SHIPPED VIA	COLLECT	TERMS	YOUR PREPARE DEL.	DATE SHIPPED
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ITEM NO.	QUANTITY	PART NO. DIMENSIONS, ETC.	DESCRIPTION
		Two Crankshafts for diesel generators 6182 & 103	<p>WE HAVE PROCESSED THE FOLLOWING PARTS</p> <p>SERVICES OF OUR FIELD CREW TO FURNISH CRANKSHAFTS 67N 693 AND 694, IN YOUR FACILITY PARTS TO BE DISMANTLED, WASHED, AND SHOT PEENED FOR REPAIR. REFERENCE NUMBER 643-1032 SUPPLEMENT 1</p> <p>Metal Improvement certifies that shot peening was performed in accordance with S/R R43-1022. Intensities are verified by the enclosed ALUMEN STRIPS. 100% min. coverage was verified by the PROBE method and witnessed by F.A.A., F.R.A., and Test Engineer.</p> <p>No other warranties are given or implied.</p> <p>CERTIFICATION ALMEN STRIPS)</p>

SERIAL NUMBERS _____ Q.C. INSPECTOR _____ FOR REPAIR STATION NO. 1111

Metal Improvement takes no responsibility for scratches or rub marks present and documented by F.A.A. prior to peening

THE PART(S) IDENTIFIED ABOVE WERE SHOT PEENED IN ACCORDANCE WITH AS PER BELOW THIS WORK PERFORMED ON THE PART(S) LISTED ABOVE WAS INSPECTED IN ACCORDANCE WITH THE CURRENT F.A.A. REGULATIONS AND IS APPROVED FOR RETURN TO CUSTOMER

The shot peening was accomplished under the following conditions to saturation and in accordance with the following specifications.

SIZE	INTENSITY	PER	PER	PER	DATE RECD
MI-550	0.008-0.010	MIL-S-13165B	X	GSS5310A	9/16/83
GT SIZE		G-T 501		BAC-5730	9/20/83
SHOT SIZE		MIC PROC. SHEET NO.	CERTIFIED BY <i>R. T. Todd</i>		

8503280406 840920
 PDR ADOCK 05000322
 G PDR

ALMENA STRIP LOG

CRANK SHAFT # 694

NO.	DATE	TIME	OPERATOR	ARC HEIGHT (CS)
1	9/17/83	9:00 PM	DAVID ANDRESON	0.0095
2	"	"	" "	0.011
	* NOTE # 2	(C) 200%	COVERAGE	
3	9/17/83	10:05 PM	DAVID ANDRESON	0.009
4	"	10:30 PM	" "	0.010
	* NOTE # 4	(C) 200%	COVERAGE	
* 5	9/17/83	10:45 PM	DAVID ANDRESON	0.008
6	"	11:35 PM	"	0.009
7	9/18/83	8:55 AM	CHUCK BROWN	0.0095
8	"	3:10 PM	"	0.008
9	"	8:50 PM	ANDRESON	0.009

CRANK SHAFT # 693

* 10	9/19/83	11:40 AM	CHUCK BROWN	0.009
11	"	3:30 PM	"	0.0085
12	"	4:40 AM	MARIO GARCIA	0.0085
13	"	8:45 PM	DAVID ANDRESON	0.0085
14	9/20/83	9:00 AM	CHUCK BROWN	0.009

* PART STARTED FOLLOWING THIS STRIP.



331 VERONA AVENUE • NEWARK, NEW JERSEY 07102
AREA CODE 201/463-7700 • TUB 710-975-1500

November 5, 1980

Metal Improvement Co.
280 Adams Blvd.
Farmingdale, L.I., N.Y. 11732

Attn: Saul Harris

Gentlemen:

This is to certify that the Testing Sieves
manufactured by Newark Wire Cloth Co. meet
the following specifications:

ASTM E-11-70
RR-S-366

Very truly yours,

NEWARK WIRE CLOTH COMPANY

Roger W. Campbell

RWC/cmr

Encl.

Sworn to and subscribed before me
on this 5th day of November
1980, in the City of Newark,
County of Essex, State of New Jersey.

Notary Public in New Jersey
My Commission Expires May 1, 1983

CALIBRATION TEST REPORT
(See Reverse Side for Certificate)

To: **METAL IMPROVEMENT**

Test Conditions: **LAB. AMBIENT**
Test Procedures: **MFR'S SPECIFICATION**

Tuned by **C.M.**
W. O. No.

Pre-Cal. Check. Unit was found to be

Operating within Mfr. Spec					
0-100	BEAM	0-1000	BEAM	0-5000	BEAM
5.00	0.00	5.00	0.00	5.00	0.00
1	1.00	10	10.05	100	100.15
3	3.00	30	30.02	300	300.05
5	5.00	50	50.02	500	500.05
7	7.00	70	70.02		
10	10.00	100	100.0		

MASS 4/12/82 = 4.1
NBS# 221514

Remarks

Test No.	Date	Description	Manufacturer	Model	Identification
300409	9/1/83	DEC-0.6MM	OHAUS	26106	

CALIBRATION TEST REPORT
(See Reverse Side for Certificate)

To: **METAL IMPROVEMENT**

Test Conditions: **LAB. AMBIENT**
Test Procedures: **MFR'S SPECIFICATION**

Tuned by **C.M.**
W. O. No.

PRE-CAL. CHECK. *slide channel dirty*

clean + lube slide channel

assy 2.00

FONDA Gauge Blocks
NBS # 738/226261 9/28/82

Remarks

Test No.	Date	Description	Manufacturer	Model	Identification
301312	4/15/83	DIA 4 SMIPER	HIT-TOYO	S45-627	

CALIBRATION TEST REPORT
(See Reverse Side for Certificate)

To: **METAL IMPROVEMENT**

Test Conditions: **LAB. AMBIENT**
Test Procedures: **MFR'S SPECIFICATION**

Tested by **CM**
W. O. No.

~~Pre-Cal Check.~~ Unit was found to be
Operating within Mfg. Spec.

assy = 1/2 div

FONDA Gauge Blocks
NBS # 738/226261 9/28/82 9/27/83

Remarks:

Test No.	Date	Description	Manufacturer	Model	Identification	Due Date
207252	7/7/83	DIAL IND	FEDERAL	CB1	10-79	1/14/84

CERTIFICATE

Pneumatic® test strips equal or exceed all requirements of SAE Standard J442, AMS Specification 2430, and MIL-S-13165. Strips are made from SAE 1070 C.R. Spring Steel with No. 1 square 3" edge. Uniformly hardened to 44-50 Rc, heat set between flat plates under pressure for 2 hours minimum at 800°F. Blue temper finish - oiled. Flatness, as measured using Almen Gage, is ±.001" arc height. Dimensions are 0.750" wide x 3.000" long, 0.094" thick.

Ralph W Moore
Authorized Signature

200426
200427
200428



METAL IMPROVEMENT COMPANY

MATERIAL TESTED-MIC SIZE 550 DATE 3/27/82 TEST NUMBER _____
 CAST STEEL SHOT, 45 TO 55 RC HARDNESS

MIC P.O NUMBER	SUPPLIER	QUANTITY	DESTINATION
1. 1391 DALLAS	AMA	1T	DALLAS
2. 192 GER.	AMA	1T	GERMANY
3. 13175 LI	AMA	1T	L.I.
4.			

PURPOSE OF TEST: TO MEASURE COMPLIANCE WITH M.I.C QC0-01 SPECIFICATIONS

RC EQUIVALENT OF VICKERS D.P.H AT 500 GMS

1	49 Rc	11	52 Rc
2	51 Rc	12	47 Rc
3	47 Rc	13	53 Rc
4	49 Rc	14	51 Rc
5	47 Rc	15	49 Rc
6	47 Rc	16	52 Rc
7	51 Rc	17	52 Rc
8	52 Rc	18	49 Rc
9	45 Rc	19	51 Rc
10	47 Rc	20	47 Rc

SIEVE TESTS

SCREEN SIZE	REQUIRED	ACTUAL ON SCREEN	CUMULATIVE TOTALS	COMMENTS
8	ALL PASS	AP	0	
10	2% MAX	AP	0	
12	50% MAX	20.4	20.4	
14	90% MIN	79.5	99.9	
16	8% MAX	.1	100.0	
PAN				

NUMBER OF DEFORMED SHOT

PER-SQUARE INCH	MAXIMUM	ACTUAL
1"	12	11

COMMENTS:

CONCLUSION: THE SAMPLE OF THE ABOVE SHOT MEETS / ~~DOES NOT MEET~~ MIC SPECS FOR SIZE, HARDNESS, CONFIGURATION, CHEMISTRY, MICROSTRUCTURE AND DENSITY.

SIGNED *A. M. Buchholz* A. M. BUCHHOLZ, DIV. MANAGER
 SIGNED *H. J. Guier* SUPERVISOR, Q.C.

C-31-9

ROREHAM I
NUCLEAR POWER STATION
STARTUP FORM 7.6

RR-R43-7032
MWR 83-5592
PAGE 2

September 4, 1979
REVISION 10

REWORK SUPERVISOR WORK SUMMARY

BRIEF DESCRIPTION OF WORK:

RIG CRANKSHAFTS & CHANGE CRIBBING FOR SHOT PEENING.

COMPONENTS REPLACED (IF APPLICABLE):

METE. CALIBRATED TOOLS UTILIZED:

ADDITIONAL COMMENTS:

O. Q. A. SIG. + DATE

Woody Deaver 9-19-83
Rework Supervisor Signature/Date

NUCLEAR REGULATORY COMMISSION

Docket No. 50-322-04 Official Exp. No. C-31
In the matter of FILCO - Shoreham

Staff _____ IDENTIFIED

Applicant RECEIVED

Intervenor _____ REJECTED _____

Cont'g Off'r _____

Contractor _____ DATE 9-20-84

Other _____ Witness Panel

Reporter ACE