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CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES

DEVIATION AND NONCONFORMANCE REPORT

PURCHASE ORDER NO.	PROJECT NO.	JOB REQUEST NO.	DNR NO.
39963	20.3704-042		90-004

ITEM NAME OR ACTIVITY	ACTIVITY PERFORMED BY
machining	METASPEC (VENDOR)

ITEM DESCRIPTION (S/N, MODEL, WELD, SITE, ELEMENT NAME, REGULATION, TEST, ETC.)

Cylindrical Electrodermical Sample, Dwg #20.3704-042-2

DESCRIPTION OF DEVIATION OR NONCONFORMANCE

18 of 20 samples had dimensional deviations from Drawing tolerances length and/or thread tolerances exceeded.

PROBABLE CAUSE OF DEVIATION OR NONCONFORMANCE

machinist error

ORIGINATOR (NAME)	DATE
R.D. BRIENT	4/20/90

ACTION TO CORRECT DEFICIENCY

N/A.

ACTION TO PREVENT RECURRENCE

THE VENDOR WILL NOT BE USED UNTILL FURTHER EVALUATION OF QUALITY OF PRODUCTS IS MADE

CORRECTIVE ACTION TO BE TAKEN BY (NAME)	TARGET DATE FOR INITIATION
N/A	OR COMPLETION

DISPOSITION	ACCEPT	REWORK	SCRAP	RETURN TO VENDOR	HOLD	OTHER (SPECIFY)
	☒	☐	☐	☐	☐	☐

BASIS FOR DECISION OR NOTES

EACH SAMPLE WILL BE MEASURED PRIOR TO START OF TEST. SAMPLES THAT DO NOT FIT WILL BE DISCARDED.

LIST OF ATTACHMENTS	STATUS:
Inspection Reports	☐ OPEN ☒ CLOSED

ELEMENT MANAGER (SIGNATURE)	DATE	DISTRIBUTION:
Prasad Nair	4/20/90	DIRECTOR OF QA ORIGINATOR RDB ELEMENT MANAGER (PROJECT FILES) P. NAIR
DIRECTOR OF QA (SIGNATURE)	DATE	PERSON RESPONSIBLE FOR CORRECTIVE ACTION
[signature]	4/20/90	N. SRIDHAR

CNWRA FORM QAP-9

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DIMENSIONAL INSPECTION RECORD

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Project:	Drawing /Part No.:	Part Name:	Procedure:
20-3704-042	20-3704-042-2	Cyl. Sample	OP-10-30-102
Serial No.: (Single Part)	E. O.:	Work Order ☐ Job Card ☐ MPS ☐	Location: Bldg. 162 Machine Shop
No. of Articles Inspected: 8		DACS Required: ☐ Yes ☑ No	NR (NA if None)

Drawing Zone	B/P Dim.	Accept	Reject	Comments
1	#38 Drill		APR 20 1990	Micrometer - 5056-1
2	.250	APR 20 1990		Thd Gage - 1R-11
3	.38	APR 20 1990		Calipers - 599-79-2
4	.750		APR 20 1990	
				Samples from Metaspec
				.750±.003 Range from .746 to .7575
				As Marked
				No-Go thread goes in over 2
				Turns

No. of Articles Accepted:	No. of Articles Rejected:	Inspector Signature:	Date:
0	8	SwRI 24 QA	APR 20 1990

SwRI Form QA-114-0

Figure 1. Dimensional Inspection Record

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DIMENSIONAL INSPECTION RECORD

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Project:	Drawing /Part No.:	Part Name:	Procedure:
20-3704-042	20-3704-042-2	Cyl. Sample	OP-10-30-102
Serial No.: (Single Part)	E. O.:	Work Order ☐ Job Card ☐ MPS ☐	Location: Bldg. 162 Machine Shop
No. of Articles Inspected: 10		DACS Required: ☐ Yes ☑ No	NR (NA if None)

Drawing Zone	B/P Dim.	Accept	Reject	Comments
1	#38 Drill		APR 20 1990	Micrometer - 5056-1
2	.250	APR 20 1990		Thd Gage - 1R-11
3	.38	APR 20 1990		Calipers - 599-79-2
4	.750	APR 20 1990		
				Samples from Metaspec
				No-Go Thread Gage Goes in over 2 Turns

No. of Articles Accepted:	No. of Articles Rejected:	Inspector Signature:	Date:
0	10	SwRI 24 QA	APR 20 1990

SwRI Form QA-114-0

Figure 1. Dimensional Inspection Record

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DIMENSIONAL INSPECTION RECORD

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Project:	Drawing /Part No.:	Part Name:	Procedure:
20-3704-042	20-3704-042-2	Cyl. Sample	OP-10-30-102
Serial No.: (Single Part)	E. O.:	Work Order ☐ Job Card ☐ MPS ☐	Location: Bldg. 162 Machine Shop
No. of Articles Inspected: 2		DACS Required: ☐ Yes ☑ No	NR (NA if None)

Drawing Zone	B/P Dim.	Accept	Reject	Comments
1	#38 Drill	APR 20 1990		Micrometer - 5056-1
2	.250	APR 20 1990		Thd Gage - 1R-11
3	.38	APR 20 1990		Calipers - 599-79-2
4	.750	APR 20 1990		
				Samples from Metaspec

No. of Articles Accepted:	No. of Articles Rejected:	Inspector Signature:	Date:
2	0	SwRI 24 QA	APR 20 1990

SwRI Form QA-114-0

Figure 1. Dimensional Inspection Record