

LIQUID PENETRANT TESTING REPORT

Customer:	Chinook Middle East	Date of Examination:	16-Aug-2021
Test Site:	Torishima Service Solutions (Dubai)	Material:	Customer supplied parts
Description:	Valve, Gate, Hydraulic, 3-1/8", 5M, Flange x Flange, MCM, Type FC, CAN-20748	Material Thickness:	-
Job No:	DSM80704/A-1-1	Quantity:	1
Area covered:	Body Tail rod seal area, Gasket seal area, Ring groove A&B, Gland packing seal bore area, Bonnet Gasket seal area	Stage: Text	Finish Machining

Code / Acceptance Standard / Procedure :

- ASME Sec. V Article 6 and 24 (ASTM E165)
- ASME Sec. VIII Div. I App. 8
- Project Specification: MESC SPE 77/302
- PR-NDE-03
- API 6A-21st Edition

PT Technique	Solvent removable		
Particles	Visible Dye		
Equipment/Material	Manufacturer	Model/Batch	Expiry Date
Cleaner - 1	Magnaflux	SKC-S / 210202 BBE	2024-02-01
Penetrant - 2	Magnaflux	SKL-SP2 / 200511 BBE	2023-05-01
Developer -3	Magnaflux	SKD-S2 / 210308 BBE	2024-03-01
Lighting Equipment	White light 1000Fc Min	Surface condition	Machined surface
Actual Dwell Time	00:15:00	Surface Temperature	26°C

Details :	No recordable indications were found		
Test Result :	Accepted		

Examined By:	Romeo P. Lopena	Sign / Stamp	
Qualified SNT-TC-1A	NDT Level II	Date	

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Actual Pictures :



Ring Groove A



Ring Groove B



Tail Rod Seal Area



Bonnet Gasket Seal Area



Body Gasket Seal Area



Gland Packing O-ring Seal Bore Area

Test Result :

Accepted

Examined By:	Romeo P. Lopena	Sign / Stamp	
Qualified SNT-TC-1A	NDT Level II	Date	