Omterra - Subsea

ElecTRON

TC6A-528 Interface Blanking Plug

Document Name: **OPERATION OF TC6A-528 INTERFACE BLANKING PLUG**

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1 PURPOSE & SCOPE

The purpose of this procedure is to detail the process for the use of the Valve Block Wet Mate Plug interface blanking plug TC6A-528.

The blanking plug TC6A-528 replicates the sealing features of the wet mate plugs DHCE-A43, A47, A62 and A80. Due to the design similarities between the connectors and the blanking plug, this blanking plug is suitable for repeated testing up to a maximum test pressure of 15,000 psi as long as the checks in Section 5 are satisfied.

2 ASSOCIATED DOCUMENTS AND DRAWINGS

Number	*Name*	*Location*
10204852	ElecTRON Installation, Operations and Maintenance Manual	omterra.com/subsea
E1A414074	TC6A-528 PDS	Teamcenter
T16966	TC6A-528 Drawing and Associated BOM	Teamcenter

3 EQUIPMENT

The following equipment will be required to complete this installation:

- Goop anti-gall compound.
- DC4 Silicone Grease
- Installation Tool E1A3854517.
- ½" Drive Torque Wrench rated for 35 lbf·ft.

4 GENERAL SAFETY INFORMATION AND RISKS

- For full Safety and Hazard information, please consult the ElecTRON IOM or Safety Data Sheet for the test media in use.

	**Warning.** Risk of minor personal injury to persons with sensitivities to mineral based oils. Wear appropriate hand protection when handling products or mineral or synthetic based oils.
	**Warning.** Risk of minor personal injury and/or material or environmental damage during assembly. Caution shall be exercised during assembly to ensure that fittings and hydraulic/pneumatic equipment are correctly installed.
	**Warning.** Risk of bodily injury caused by pressure retaining parts becoming projectile due to user over-pressurising the system.
	**Warning.** Hydraulic injection risk. Only to be used to MAWP with oil and suitable pump in lines with Pressure Equipment (Safety) Regulations (2016) or relevant local alternative when used abroad.

5 PREPARATION

- Visually inspect the blanking plug assembly, ensure there is no damage to the sealing cone, elastomeric seal, threads, or body of the blanking plug. If there is any doubt over the integrity of the blanking plug or any of its components, stop work immediately and contact the Omterra Technical Department.

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6 ROCESS

1. Apply a smear of Goop anti-galling compound to the threads of the retaining ring and the conical seal face.
2. Apply a thin layer of DC4 Silicone Grease to the O-Seals.
3. Fit the blanking plug into its interface using tool E1A3854517. Torque the retaining ring to 35 lbf·ft (45 Nm).

END OF PROCEDURE

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