



PRESSURE TEST CERTIFICATE

Project: **Helicoid Epoxy Sleeve Qualification**

Client: **Merit Technologies Sdn Bhd (655607-U)**

Office: **Kuala Lumpur**

Client's Order Number: **PO/17.22/212/03**

Date: **18 January 2018**

Order Status: **Complete**

Inspection Dates

First: **02 November 2017**

Final: **05 January 2018**

This certificate is issued to **Merit Technologies Sdn Bhd (655607-U), No. 8, Jalan PJU 3/45, Seksyen 12, Sunway Damansara, 47810 Petaling Jaya, Selangor Darul Ehsan, Malaysia. THIS IS TO CERTIFY THAT the undersigned surveyors of LLOYD'S REGISTER TECHNICAL SERVICES SDN BHD, have witnessed and verified the calculations, drawings, preparation, installation and subsequent Long Term Hydrostatic Pressure Test of the Helicoid Epoxy Sleeve against ASME PCC-2 2015.**

Procedure	: Procedure for Long Term Hydrostatic Test (As per ASME PCC-2 2015 Repair of Pressure Equipment and Piping) (162 bar, 52°C, 1000 accumulative hours)
Date of Test	: 15th November 2017 to 05th January 2018
Place of Test	: No 8, Jalan PJU 3/45, Sunway Damansara Technology Park, 47810 Petaling Jaya, Malaysia
Reference Document	: Doc. 17.22/HES/003/C1/02 - Long Term Hydrostatic Test - Design Calculation Doc. 17.22/HES/003/P1/02 - Long Term Hydrostatic Test - Specimen Preparation Procedure Doc. 17.22/HES/003/P2/02 - Long Term Hydrostatic Test - Helicoid System Installation Procedure Doc. 17.22/HES/003/P3/02 - Long Term Hydrostatic Test - Hydrostatic Test Procedure Doc. 17.22/HES/003/R1/00 - Long Term Hydrostatic Test - Hydrostatic Test Report Certificate No. - Mill Certificate – P160900637-000 Calibration Certificate No. - Refer to doc.17.22/HES/003/P3/02 Appendix A Recorder - Yokogawa FX 106-4-2

Remarks: Accumulative 1000 hours hydrostatic survival pressure test observed. No leakage or undue deflection or distortion of the test specimen was observed during and after hydrostatic pressure test.

Date: 18th January 2018.

Maran Periyasamy, Matthew Lim.
Surveyor to Lloyd's Register Technical Services Sdn. Bhd.

a member of the Lloyd's Register group.

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