

TECHNICAL EVALUATION CRITERIA

Tutuka LP1 Rotor - Laser Welding of Tenons and Shrouds

Description:

Laser Beam Welding Service is required to cut-off shrouds, replace the understrap, and weld build-up tenons and shrouds on the LP Rotor.

Requirements	Weighting Criteria [%]	Evaluation criteria [points]
References of previous laser beam weld repair projects, to demonstrate repair capabilities on FV566 (X12CrNiMoV12-3 material) Tenons and Shrouds. (at least 2)	20%	Provided 2 = 10 Provided 1 = 5 Provided none = 0
Provide WPS plus supporting PQR to laser beam weld build-up FV566 (X12CrNiMoV12-3) Shrouds. (verified by AIA)	20%	Provided and acceptable = 20 Provided and not acceptable = 0 Provided none = 0
Provide WPS plus supporting PQR to laser beam weld build-up FV566 (X12CrNiMoV12-3) Tenons. (verified by AIA)	20%	Provided and acceptable = 20 Provided and not acceptable = 0 Provided none = 0
Provide at least 2 Welders/Operators Performance Qualification Record to demonstrate that operators are qualified to perform laser welding build-ups on FV566 (X12CrNiMoV12-3) Tenons and Shrouds	15%	Provided 2 and acceptable = 15 Provided 1 and acceptable = 10 Provided none or none acceptable = 0
Provide method statement of how to fit the jig, templates and align the tenons and shrouds before, during and after welding	10%	Provided and acceptable = 10 Provided and not acceptable = 0 Not provided = 0
Provide at least: 1x Welding Engineer CV with IWE registration.	10%	Provided = 5 Not provided = 0
Provide timelines for project phases.	5%	Within time limits = 5 15% over time limits = 3 More than 15% over or not provided = 0
Total Score (MINIMUM THRESHOLD 75%)	100%	

Comments:

Compiled by: Phathutshedzo Nemakhavhani



Date: 12/04/2023

Checked by: Mikateko Mulamula



Date: 13/04/2023