oate: Originator: TL L405 NAS TS DD Project: Project Ref:

Bend lower 34.9mm pip

Key Date: 24-Feb-17 FMEA No. : CP 00293

Issue Number

Item Name: GPLA-9032-AC Release Number: UEP2E5015912



Process Responsibility: UPA

Core Team: SE - PROJ MAN, KW - QUALITY, TL - MAN ENG, KH - DESIGN Sheet 1 of 1 Special Char. Class Part/ Reaction Plan / Corrective Action Process name Operation Machine, Device Jig, Tools for Product/Proces Specification/ Evaluation/ Measurment Gauge R & R Sample Op. No. rocess No. Size Frequency Prevention Detection Prevention description Tolerance Technique Bend 34.9mm Pipe formed to ben gauge 1st off & 4 off checks in bend lower pipe nspection gauge OTH OTH SOP. Skills matri: A05 Lower per shift 1st off & 4 off Check with SOP. Skills matri gauge E16317 checks in bend Part must be bent EGS14825 nspection gauge per shift
Visual check.
100% leak test on correctly No splits in pipe rst off 100% SOP. Skills matri: future operation Tooling must not be worn or /isual SOP. Skills matr 100% leak test on damaged No ripples greater future operation Double visual isual than 2mm inspection ОТН SOP. Skills matrix Setting to be Visual Double visual orrect to SOF Trim pipe to length Pipe cut to requir length not be worn or nspection gauge damaged Pipe must be cut to correct length OTH OTH First off SOP. Skills matrix SOP. Skills matrix per shift 1st off & 4 off Check with gauge E16317 EGS14825 checks in bend inspection gauge per shift SOP. Skills matrix 1st off & 4 off ОТН TPM Saw tooling must checks in bend not be worn or inspection gauge damaged
Pipe must be cut t
correct length per shift 1st off & 4 off checks in bend Check with gauge E16317 EGS14825 ОТН SOP. Skills matr nspection gauge er shift Pipe de-burred to remove burrs & sharp edges Pipe must be fully/evenly deburred De-burr 100 100% SOP. Skills matrix nspection 100%. Double visual ooling must not Visual TPM oe worn or inspection 100%. damaged Pipe must be end formed Pipe endformed for roundness to ensure fitment of upper 40 Size Pipe 40 ОТН Visual 100 100% SOP. Skills matri: vith upper pipe for pipe OTH Pipe must be endformed to /ernier SOP. Skills matrix annot assemble with upper pipe for orrect size velding Setting to be correct to SOP ОТН /isual 100% SOP. Skills matrix 00% leak test on future operation Cannot EOL leak End form pip /isual 100 ower pipe sized. Pipe must be end for outlet form to med st syste specification on hose assy and anti-siphon valve Pipe must be endformed to Cannot EOL leak Visual 100 100% SOP. Skills matrix xternal 39.5mm SOP. Skills matrix. Cannot EOL leak Pipe must be Vernier ndformed to est system xternal 33.1mn irst off 100% SOP. Skills matrix Setting to be correct to SOP ОТН 1st off & 4 off per /isual 100 shift with Go-No go gauge on bend ОТН Tooling must not SOP. Skills mat 1st off & 4 off per shift with Go-No damaged go gauge on bend No scoring Visual 100 100% SOP. Skills matrix Double visual Vash pipe Pipe must confo to cleanliness Double visual nspection 100%. ipe meets leanliness spec Particle size not to Cleanliness tes specified on Annual exceed 400 Micror lrawing AUE0176 0.6MG when measured in Detergent mixtur to be correct to SOP SOP. Skills matri: nspection 100% accordance with LRLTM.30.DD.103 TPM er shift ОТН Water to be kept clean /isual 100 100% SOP. Skills matrix Double visual inspection 100%. ТРМ

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