

ENGINEER TO ORDER

SPECIAL PROJECT INFORMATION SHEET



Project Description	Valve / actuator remote testing kit with disengagement clutch		
Date created	23 June 2016	Project Number	Q2996

INTRODUCTION & APPLICATION

Valve industry pressurised testing application requires safety improvements. The hydraulic valve actuator was driven by a manually operated PT-72 tool in a hazardous environment. Remote operation was required, and a method of disengaging the tool when not in use to eliminate drag.

SOLUTION

Remote operated testing kit with electronic clutch enabling operation from a safe environment. T-Box-XL instrument displays and captures torque & turns data.



Kit under test at Norbar factory
Driving into a standard calibration fixture



View of clutch assembly

TECHNICAL SPECIFICATION / DATA HIGHLIGHTS

PT-72-1000 remote fitted with annular transducer, turns sensor & special reaction. Special electronic clutch assembly and tool / clutch controller with T-Box-XL instrument.