



APPLICATION NOTE

RPIC2 PIPE INSPECTION CAMERA

Schlumberger Ltd.



Client: Schlumberger Limited.

Requirement:
visual inspection of high pressure semi flexible corrugated steel pipes used for oil & gas industries.

Solution:
RPIC2 pipe inspection camera is used for the visual inspection of high pressure semi flexible corrugated steel pipes to detect the presence of foreign material as well as internal damages within the pipes.

Requirement:

Visual inspection of high pressure semi flexible corrugated steel pipes used for oil & gas industries.

Schlumberger requires visual inspection of corrugated steel pipes to detect internal damages as well as presence of foreign material within the pipes.

Solution:

RPIC2 pipe inspection camera is used for the visual inspection of high pressure semi flexible corrugated steel pipes to detect the presence of foreign material as well as internal damages within the pipes.

Due to non-regular operation & storage in open yard, foreign material intrusion happens within high pressure pipes causes damage of connected plant & machinery and creates risk for safety personnel.

The RPIC2 **pipe inspection camera** was selected for the operation which is capable to provide high resolution photos & videos for visual inspection of any damage to the internal surface of pipe & help in detecting presence of foreign material.

RPIC2 Pipe Inspection camera system is a ruggedized, **professional video inspection camera** equipped with a 7" LCD monitor with DVR and 20m rotatable cable reel.



The RPIC2 **Video Pipe Inspection camera** is based on fiberglass semi flexible rod with diameter 6.8 mm & with camera head 23 mm (diameter), in order to inspect high pressure corrugated steel pipe with internal diameter approx. 68 mm, a standard 46 mm skid (a part of kit) was used to centralise the camera head & slip over the corrugation.



The high resolution output data is displayed on 7 inch HD color monitor with capability to take some snapshots along with the video for further analysis.



With a high focus on quality control & safety, Schlumberger by way of using an RPIC2 pipe inspection camera will ensure even better-quality control of products for customer satisfaction.

Document ref :

Date : 29-11-2021

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ISO 9001: 2015

1-QSC202101102

