CASE STUDY

Short Range Ultrasonic Technique (SRUT)

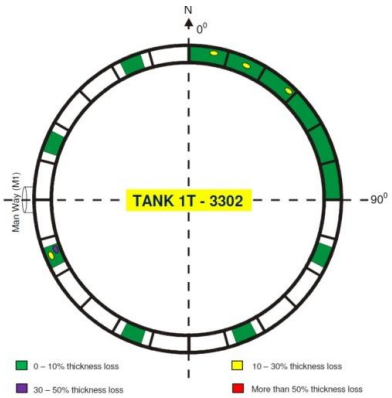
Online Tank Annular plate Ring Inspection

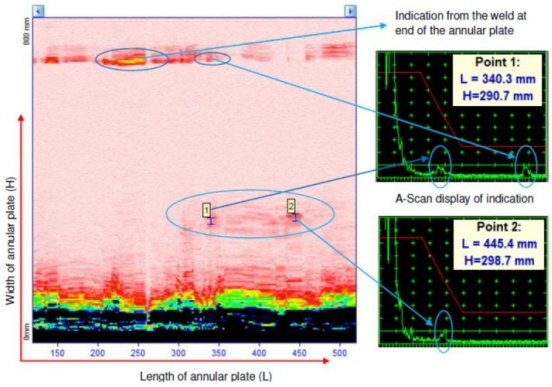
(Egyptian LNG, Egypt)

TechCorr performed Short Range Ultrasonic Technique (SRUT) examination of the annular ring of Tank No. 1T-3302 at the Egyptian ELNG plant. Scanning was conducted at 8 equally spaced locations around the circumference of the tank. Each scan was of 1 m in length around the circumference and extended circa 0.8 m into the tank. In addition there was a full scanning of annular plates on 1/4th of the tank (i.e. from 0° to 90° of the tank).

During the inspection most of the annular plates rings were found to have no major corrosion. Five minor corrosion indications and one moderate indication were observed in two annular plate rings.

The result was a happy customer that found precisely the proper maintenance track to take thus saving money and time and keeping the water tank online as long as possible.





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