

# **CEOCOR ABSTRACT**

## **RECENT EXPERIENCES WITH FLAME SPRAYED PE AND PP FIELD JOINT COATING**

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The 2017/18 GNI (UK) SWSOS pipeline project involves the construction of a 50 km 914 mm outside diameter pipeline between Cluden and Brighthouse Bay in Dumfries and Galloway, Scotland. This project is part of the Scotland to Ireland second gas interconnector gas pipeline and comprises the second construction phase of an onshore pipeline from Beattock compressor station to Brighthouse Bay. The first phase from Beattock to Cluden was built in 2002. ROSEN (UK) Ltd have supported GNI (UK) in the specification of the mainline mill applied and the field joint coating. ROSEN's knowledge of field joint coating failures from ILI inspection survey results and GNI's own experiences with Flame Sprayed polyethylene and polypropylene (FSPE/FSPP) was specified for the field joints. This paper will discuss the selection justification of FSPE and FSPP, the specification in-line with ISO 21809-3 and the experiences during procedure, testing qualifications and construction phases of the project.