DEP SPECIFICATION

NDT VENDOR CAPABILITY ASSESSMENT FOR FABRICATION INSPECTION

DEP 30.55.03.31-Gen.

February 2017

DESIGN AND ENGINEERING PRACTICE

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1. INTRODUCTION

1.1 SCOPE

This DEP specifies requirements and gives recommendations for assessment of the capability of non-destructuve testing (NDT) vendors during pre-qualification stage of projects for performing the required type and level of NDT for fabrication inspection.

This is a revision of the DEP of the same number dated February 2015; see (1.5) regarding the changes.

1.2 DISTRIBUTION, INTENDED USE AND REGULATORY CONSIDERATIONS

Unless otherwise authorised by Shell GSI, the distribution of this DEP is confined to Shell companies and, where necessary, to Contractors and Manufacturers/Suppliers nominated by them. Any authorised access to DEPs does not for that reason constitute an authorisation to any documents, data or information to which the DEPs may refer.

This DEP is intended for use in facilities related to oil and gas production, gas handling, oil refining, chemical processing, gasification, distribution and supply/marketing. This DEP may also be applied in other similar facilities.

When DEPs are applied, a Management of Change (MOC) process shall be implemented; this is of particular importance when existing facilities are to be modified.

If national and/or local regulations exist in which some of the requirements could be more stringent than in this DEP, the Contractor shall determine by careful scrutiny which of the requirements are the more stringent and which combination of requirements will be acceptable with regards to the safety, environmental, economic and legal aspects. In all cases, the Contractor shall inform the Principal of any deviation from the requirements of this DEP which is considered to be necessary in order to comply with national and/or local regulations. The Principal may then negotiate with the Authorities concerned, the objective being to obtain agreement to follow this DEP as closely as possible.

1.3 DEFINITIONS

1.3.1 General definitions

The **Contractor** is the party that carries out all or part of the design, engineering, procurement, construction, commissioning or management of a project or operation of a facility. The Principal may undertake all or part of the duties of the Contractor.

The **Manufacturer/Supplier** is the party that manufactures or supplies equipment and services to perform the duties specified by the Contractor.

The **Principal** is the party that initiates the project and ultimately pays for it. The Principal may also include an agent or consultant authorised to act for, and on behalf of, the Principal.

The word **shall** indicates a requirement.

The word **should** indicates a recommendation.

The word **may** indicates a permitted option.

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1.3.2 Specific definitions

Term	Definition
NDT Vendor	The party that carries out the NDT. The NDT can either be carried out in-house by Contractor or outsourced. The NDT Vendor is responsible for the delivery of the NDT-operators and necessary equipment and documentation for the NDT-qualification and production inspection, including the requested reporting.
NDT Vendor	The party that carries out the NDT. The NDT can either be carried out in-house by Contractor or outsourced. The NDT Vendor is responsible for the delivery of the NDT-operators and necessary equipment and documentation for the NDT-qualification and production inspection, including the requested reporting.
NDT System	The combination of NDT technique, NDT equipment, procedure, personnel
NDT System	The combination of NDT technique, NDT equipment, procedure, personnel
Fabrication Inspection	Inspection of equipment before it is placed in service
Fabrication Inspection	Inspection of equipment before it is placed in service

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