

Third Party Connections (IGT & UIP)

Welding Briefing Note

1. Introduction

This briefing note has been developed to provide the process and timeline for welded construction for Cadent adoption. This note will outline the expected information, and timeline for review and response. Works will not be granted clearance to proceed until all parts can be satisfied. This document works to support GD/SP/P/1 & CAD/SP/P/9

When considering the materials GIS/F/7:2006 this has been supplemented by Cadent with CAD/SP/F/7:2022 – Supplement.

When constructing a Governor Skid unit, materials should be in line with CAD/SP/E/28 & CAD/SP/E/34 supplement to GIS/E/34:2021.

2. Process

Welding Approval is required prior to construction.

The following is required for welding procedure review:

1. Material certification for all materials to be welded,
2. Welding procedure specification (WPS),
3. Supporting procedure qualification record, PQR (unless WPS taken from Appendices in P/1 or P/9),
4. A weld register showing the materials to be welded and the PWs to be used,
5. A drawing or sketch.

Review and Approval will be carried out by a Cadent Welding Engineer. This will typically take 5 days from receipt of all the required information in points 1 to 5 above.

A welding approval form will be produced that will either:

- A. Allow welding to go ahead,
- B. Prevent welding going ahead and explain what is required for resubmission.

NDT methods approval is required prior to construction.

- NDT (Non Destructive Testing) Procedures and Qualifications Register (to be submitted to Cadent for prior approval before use)
- Manual Phased Array Procedure and Technique Sheets (if applicable, submit to Cadent for prior approval before use)

During Construction

- Approval must be confirmed before welding commences.
- A BGAS/CSWIP qualified inspector shall be present to ensure welding is correctly controlled. This includes verifying welders are correctly qualified.

- The welding inspector shall also produce a record on the work.
- Any repairs and pipe cuts to be recorded.
- NDT shall be conducted in accordance with GD/SP/NDT/2 and after 24-hour delay.
- Hydrotesting carried out where possible, where an alternative is to be used this is to be agreed with Cadent.

3. Key Contacts

Assigned project manager in Design Authorisation letter, copying in the below shared mailbox ensure continuity of response.

Complex connections box - box.complexexitconnections@cadentgas.com