

Ubu Spoolbase

SUBSEA 7 UBU SPOOLBASE, BRAZIL



Ubu Spoolbase is located in Espirito Santo, within the Samarco Iron ore processing plant, one hour flying time north of Rio de Janeiro, Brazil. The base runs 2,225m (including spooling line to vessel) and covers an area of 88,000m².

Key points:

- Quay area dimensions 4.4km
- 980m long pipe stalk rack
- Single joint fabrication
- Firing line 1 - 15 work stations
- Firing line 2 - 17 work stations
- Designed to service deepwater market

PIPE STORAGE/HANDLING

Single joint storage preferred method uses wooden spacers and wedged up to 6 high.

Pipe handling is performed by front loader type Caterpillar CAT 938 G, 8te with pipe clamp.

Stalk pulling during production performed by D9 dozer or similar.

Stalk handling uses 2 no. Volvo 700 excavators rated to 9t @ 10m, with roller boxes.

Stalk Rack Length: 980m.

Stalk Rack Width: 14.6m, has sockets for stalk retaining posts to secure stacks of stalks.

FIRING LINE 1

Fabrication hall: 162m long by and varies in width between 6m & 9m.

Single firing line with 15 work stations designed only for single joints.

Bead stall/root station fitted with Selmers high precision line-up table.

FIRING LINE 2

Fabrication hall: 184m long by and varies in width between 6m & 9m.

Single firing line with 17 work stations designed only for single joints.

Bead stall/root station fitted with Selmers high precision line-up table.

SPOOLING LINE

Spooling Line length (from end of racks to last roller): 2,255m.

Weld tie-in shed (40.0m x 5.0m) positioned 1,208m from the last roller (1,252m from vessel). Selmers alignment system fitted in tie-in shed.

Tie-in Shed was extended for SCR's weld repairs and FJC using an Extruder, similar process used for the main production line.

Field Joint Coating (FJC) tie-in shed is close to Quay allowing simultaneous tie-ins of welding & FJC.

Last 3 rollers on spooling line (68m, 56m, and 44m from vessel) fleet to suit vessel ramp position.

VESSEL BERTHING

Vessels berth using 3 dolphins, 2 of which are connected to the road by 8m wide bridges.

Vessels are positioned 8.0m from last roller.

Height above water level of the last fleeting roller is approximately 3.0m.

Tidal variations are between 0.5m and 1.5m.

CONTACT DETAILS

Subsea 7 Ubú Spool base

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