

Client: Kathu Solar 1: Prefabrication of Loops piping for 100 mW CSP solar power plant

Project Brief

- ▶ Fabrication of small bore piping for the loops on a new build CSP solar field.
- ▶ Fabricated spools included the swivel connections between the parabolic mirrors, the fixed connection between two rows as well as the connection (in & out) to the main headers (large bore).



Scope

- ▶ TSingle and Double Swivels (1500) - 2.5" CS & 3" SS
- ▶ Interconnecting and Crossover Spools (750) - 3" CS
- ▶ Total Welds count – 23 000
- ▶ Total Inches welded – 60 000"
- ▶ Total pipe qty – 18km
- ▶ Total steel weight – 223T
- ▶ Total manhours – 56 000

Achievements

- ▶ Total of 60 000" welding in 4 months.
- ▶ 1300 inches of welding in an 11hr shift (28 welders).
- ▶ 56 000 hrs of LTI free fabrication.



For more information please info@3cmetalme.com or visit www.3cmetal.com