

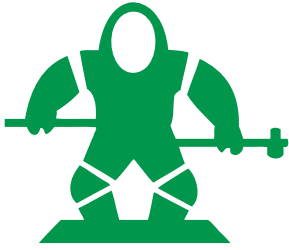
Hall Longmore

Steel Pipe for Water, Petrochemicals, Gas, Construction and Mining

Steel Pipe & Integrated Solutions for Renewable Energy



Southern African Solar Thermal and Electricity Association



There are many forms of renewable energy.

Renewable energy is generally defined as energy that comes from resources which are naturally replenished on a human timescale, such as sunlight, wind, rain, tides, waves, and geothermal heat.



Hydro

The gravitational potential of conveying water makes this a viable option with a wide range of turbines and generators currently available on the market.

Hall Longmore has a wide range of water conveyance piping solutions.



Solar

Nuclear fusion power transmitted from the core of the sun can be converted to electricity using Photovoltaic (PV) and Concentrated Solar power (CSP) technologies.

Hall Longmore has a wide range of structural tubing, torque tubing, squares and rec's that has been successfully used in the installation of these applications.



Biomass

Energy from plants or waste has its more technically advanced technologies generating methane and producing certain fuels.

Hall Longmore has a wide range of Oil & Gas conveyance piping solutions.



Wind

Mankind has harnessed the power of the wind from windmills from 900 AD to today's technology of Wind Power Generation.

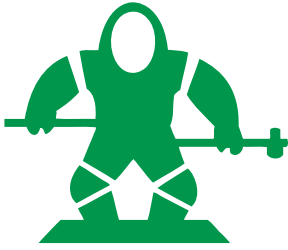
Hall Longmore has a wide range of structural tubing available.



Geothermal

Geothermal Power is the heat contained inside the earth and harnessing this energy makes heat extraction a viable options for power generation.

Hall Longmore has a wide range of Casing piping solutions.



Renewable Energy Product Range

The Barnes Group is able to supply a wide range of steel products ideally suited for Renewable Energy Projects.

ERW Range

Outside Diameter		Ins							
		8	10	12	14	16	18	20	24
Wall Thickness		mm							
		219.1	273.1	323.9	355.6	406.4	457	508	610
Ins	mm								
0.177	4.5								
0.237	6.0								
0.315	8.0								
0.394	10.0								
0.472	12.0								
0.500	12.7								

SAW Range

Key for Steel Grade ■ S 235 JR ■ S 355 JR

Outside Diameter		Ins							
		8	10	14	16.8	24.8	32.2	40.1	
Wall Thickness		mm							
		219	273	325	426	630	820	1020	
Ins	mm								
0.138	3.5								
0.158	4.0								
0.177	4.5								
0.197	5.0								
0.237	6.0								
0.276	7.0								
0.315	8.0								
0.394	10.0								
0.472	12.0								

Square / Rectangular Tubing / Lip Channels

Fencing / Gates / Barbed Wire / Razor Wire / Fence Poles

For complete range and specifications please visit www.barnestubing.co.za/products/

Tubing

Wall Thickness	Size mm
0.9 / 1.2	12.7 x 12.7 16 x 16 19 x 19 25 x 25
1.6 / 2.0	32 x 32 38 x 38 50 x 50 60 x 60 76 x 76

Structural Tubing

3.0 / 3.5 / 4.0 / 4.5	100 x 100 120 x 120 150 x 150
-----------------------	-------------------------------------

Hot Rolled Coil Lip Channel 20 mm

2.0 / 2.5 / 3.0	75 x 50 100 x 50 / 75 125 x 50 / 65 / 75 150 x 50 / 65 / 75 175 x 50 / 65 / 75 200 x 50 / 65 / 75 250 x 50 / 65 / 75
-----------------	--

Pales and Base Plates

Pales are manufactured in 'D' and 'W' profiles, and in a range of styles and thicknesses. We also supply base plates in various sizes.

Fencing & Wire

Galvanised, Black or Annealed, Diamond Mesh, Razor Barbed Type Wire and Galvanised Welded Precision Mesh.

- Standards: Y section - 2kg / metre
- Ridge back droppers - 0.56kg / metre
- Black Reinforcement - 2 400 x 6 000mm

Razor Wire

For a low-cost, added security solution to an existing perimeter fence, use razor wire.

An extremely effective and menacing deterrent to any would be intruder; razor wire comes in a number of product types, including strip, flat wrap, coil and mesh.

Galvanised Wire

All types of galvanised stay end earth wire products, in various sizes and standards.



Additional Site Requirements

A wide range of fencing, re-bar, posts and stays for any site camp requirements are manufactured and supplied by members within the Barnes Group. For complete range and specifications please visit www.barnestubing.co.za/products/



Hall Longmore

Hall Longmore is a member of the Barnes Group of Companies

Contact

2 Osborne Road, Wadeville, Johannesburg
 Tel: +27 11 874 7300
 Fax: +27 11 824 2878
 Email: info@hall-longmore.co.za
 Web: www.hall-longmore.co.za



Contact

Barnes Group Head Office
 Tel: +27 11 398 2700
 Fax: +27 11 398 2763
 Web Tubing: www.barnestubing.co.za

