

CERTIFICATE OF COMPLIANCE

The ground support mesh supplied by Smorgon Reinforcing is manufactured under controlled conditions to meet the stringent requirements of mining ground support applications throughout Australia.

Suppliers of the mesh wire feed are assessed & registered as "Approved Critical Suppliers" within Smorgon Reinforcing's certified Quality System to AS/NZS ISO9002-1994, and are independently operating Quality Systems certified to the same Australian Standards.

The ground support Mesh manufactured at Smorgon Reinforcing is subjected to rigorous in-house testing (see table below) as well as periodic testing. These tests are conducted at either our Victoria based NATA registered Laboratory, or at the independently operated University of NSW and West Australian School of Mines - Kalgoorlie, ensuring compliance is met and maintained.

Ground Support Mesh Testing Regime

TYPE OF TEST	ON-LINE TEST	OFF-LINE TEST	
	Calibrated Spanner Test	Torque Test	Weld Shear Strength (400 Mpa)
FREQUENCY	100 sheets	300 sheets	300 Sheets
MESH TYPE	Min Torque value (all welds on one cross wire) - NM	Min Torque Value (all welds on one cross wire)- NM	Min Shear value KN (4 welds to pass)
1) WG422, WB422, WG423, ES45075	20	18	5.0
2) WG544	35	24	7.8
3) WG5A44, WG5A441, WG5A441824, WG5A444524, WG5A446024, WG5A44FU (with 5.6mm Std Gal soft wire to AS/NZS 4534 – (uts 380-550 Mpa)	40	28	9.8
4) WB5440624 (with 5mm Bright Plain Wire to AS/NZS 4671 Mine Mesh Bright 5mm x 100 x 100 (6mx2.4m)	35	24	7.8
5) WB6440624 (with 6.3mm Bright Plain Wire to AS/NZS 4671 Mine Mesh Bright 6.3mm x 100x100 (6mx2.4m)	50	32	12.5
6) WB7440624 (with 7.1mm Bright Plain Wires to AS/NZS 4671 Mine Mesh Bright 7.1mm x 100x100 (6mx2.4m)	60	42	15.8
6) Mine mesh with bright 5.6 mm line wire welded to 5.0 cross wire	35	26	8.5
7) Mine mesh with bright 7.1 mm line wire welded to 5.6 cross wire	50	35	13.0

Authorised Signatory