

Item	Item/ Service Description	Unit of Measure	Quantity
1	Breathing Apparatus Cylinders – Light Weight Carbon Composite Specifications • Water Capacity (Litres) – 8.0 • Free Air Capacity (Litres) – 2181 • Working Duration (Mins) at 40 litres per minute – 54 • Nominal Duration (Mins) at 40 litres per minute – 44 (10 minutes reserve air) • Working Duration (Mins) at 50 litres per minute – 43 • Nominal Duration (Mins) at 50 litres per minute – 31 (12 minutes reserve air)		20
	• Service Pressure (bar) – 300 • Weight (Kg) – 5.55 • Diameter (mm) – 172 mm (max) • Length (mm) – 558 (max) • Design Life (years) – 30 • Thread – M18 x 1.5 • Certification – EN 12245:2002 Breathing Apparatus Backing Plate Specifications Draeger PSS* 7000 with Draeger Sentinel 7000 • Weight w/empty 45-min cylinder (lbs.) – 25.6 • Input pressure (psi) – 2,216 – 4,500 • Nominal 1st stage output pressure (psi) – 108 • 1st stage output flow (l/min) - >1,000 • LDV output flow (l/min) - >500		20

	• Whistle activation pressure (psi) – 731 – 1,485 • Whistle sound level (dBA) - >90 • ADSU main alarm (dBA) - >95 • Approvals – NFPA 1981 and 1982 – 2013 Edition Items to be delivered to Chief Dawid Stuurman International Airport, Port Elizabeth		
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