

Manufacturer	MOT Reference	Drawing Number	Material	Specification	Independent Inspection Authority	Nominal Water Capacity (litres)	Test Pressure (MPa)	Working Pressure Rating (MPa)
T.I. Chesterfield, U.K.	AF C03 048	46667 C rev 1	Steel	DOT 3AA	Lloyds	62.1	31	16.5
	AF C03 049	46667 C ref 2	Steel	DOT 3AA	Lloyds	42.3	31	16.5
	AF C03 050	46667 C ref 3	Steel	DOT 3AA	Lloyds	54	31	16.5
	AF C03 051	46666 C ref 1	Steel	DOT 3AA	Lloyds	67.7	31	16.5
	AF C03 052	46666 C ref 2	Steel	DOT 3AA	Lloyds	42.8	31	16.5
	AF C03 053	46666 C ref 3	Steel	DOT 3AA	Lloyds	54.5	31	16.5
Sumitomo Metal (Sumikin), Japan	AF C03 054	SE 042 rev 1	Steel	DOT 3AA	Inteco	47.3	27.5	16.5
	AF C03 055	GE 921	Steel	DOT 3AA	Inteco	49.3	27.5	16.5
	AF C03 056	SE 043.1	Steel	DOT 3AA	Inteco	43.5	27.5	16.5
US Steel Corp., USA	AF C03 057	4 × 14645	Steel	DOT 3AA		61.45	29.26	16.5
	AF C03 058	4 × 14645	Steel	DOT 3AA		75	29.26	16.5
	AF C03 059	4 × 14645	Steel	DOT 3AA		88.6	29.26	16.5
	AF C03 060	4 × 14645	Steel	DOT 3AA		101.2	29.26	16.5
	AF C03 061	4 × 14645	Steel	DOT 3AA		115.8	29.26	16.5
	AF C03 062	4 × 14645	Steel	DOT 3AA		129.4	29.26	16.5
	AF C03 063	4 × 14645	Steel	DOT 3AA		143	29.26	16.5
	US Steel Corp., USA	AF C03 064	4 × 14476	Steel	DOT 3AA		49.8	27.8
AF C03 065		4 × 14476	Steel	DOT 3AA		60.8	27.8	16.5
AF C03 066		4 × 14476	Steel	DOT 3AA		71.9	27.8	16.5
AF C03 067		4 × 14476	Steel	DOT 3AA		82.9	27.8	16.5
AF C03 068		4 × 14476	Steel	DOT 3AA		94	27.8	16.5
AF C03 069		4 × 14476	Steel	DOT 3AA		105	27.8	16.5
AF C03 070		4 × 14476	Steel	DOT 3AA		116.1	27.8	16.5
US Steel Corp., USA		AF C03 071	4 × 145732	Steel	DOT 3AA		177	34.5
Showa Koatsu Kogyo, Japan	AF C03 072	ES 48020 NBE	Steel	DOT 3AA		125	27.5	16.5

CNG cylinders are approved subject to the following conditions—

- That they be permanently and clearly marked, either on a thickened portion of the cylinder or on a suitably attached metal plate, with characters not less than 6 mm high if space permits but in any case not less than 3 mm high, displaying the following information:
 - The specification to which the cylinder was manufactured.
 - The manufacturer's name or mark, and the serial number of the cylinder.
 - The date of the original cylinder inspection and the identification mark of the inspection authority who made the inspection.
 - The date of any periodic cylinder test and the identification mark of the cylinder testing station who made each test.
 - The cylinder test pressure.
 - The charging pressure of the cylinder at 15°C.
 - The nominal water capacity of the cylinder.
 - The tare weight of the cylinder.
 - An identification that the cylinder is suitable for use with CNG.
- That the cylinders be provided with valve threads of the form specified in British Standard BS 341 "Valve Fittings for Compressed Gas Cylinders".
- That the cylinders be tested at periods not exceeding five years in accordance with the periodic test requirements laid down in the specification to which the cylinder was manufactured.
- That the cylinder be provided with a cylinder shut-off valve designed for a working pressure of 16.5 MPa and capable of withstanding the test pressure of the cylinder. Cylinder shut-off valves shall be fitted with a hand wheel to facilitate ease of opening and closing of the valve and shall be fitted with a pressure relief device comprising of a burst disc backed by fusible alloy. The fusible alloy is to have a nominal yield temperature of 100° Centigrade and the burst disc shall yield at a pressure of not less than 24.75 MPa and not more than the test pressure of the cylinder. Cylinder valves shall be provided with an outlet thread of ¼ inch NPT (female) and a stem thread compatible with the cylinder neck thread.

CNG Master Shut-off Valves

See General Approvals listing plus the following:

MOT Reference	Description
AF C05 001	Filling valves supplied as original equipment with CNG fuel systems approved by the Italian Ministry of Transport when used to provide the function of a master shut-off valve.
AF C05 002	Hoke model 7115F4B shut-off valves manufactured by Hoke Inc. of the United States.
AF C05 003	Parker CPI shut-off valves manufactured by Parker Hannifin Corp., of the United States.
AF C05 004	Nupro P4T series shut-off valves manufactured by the Nupro Company of the United States.
AF C05 005	Whitey 43 series shut-off valves manufactured by the Whitey Co. of the United States.