

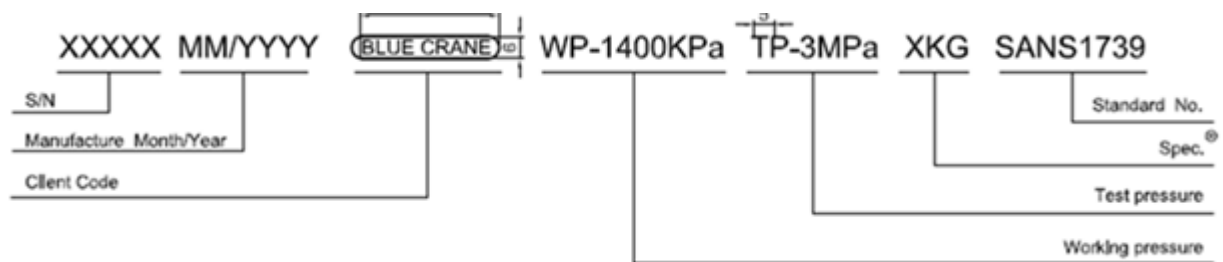


TOOL BOX 026-Low Pressure DCP Cylinder Markings

The following stamping should be found on the base of the cylinder, and the client code will give you the indication on whether the correct **instruction label is fitted**

1. The approved manufacturing standard of the cylinder
2. Manufacturing date of the cylinder
3. Traceability of the **manufacturer – (Name or trade mark)**
4. The test pressure as performed during manufacturing – *this is not the same test pressure as recommended for servicing (Remember you are guided by the manufacturer if higher than SANS1475 or whichever is the greater)*
5. The manufacturer's serial number for traceability
6. Any other marking (*we put the spec and the working pressure on as well but it is not specified*)

EXAMPLE



SANS 1739 specifies as follow

12.2 Marking

12.2.1 Type and content of marking

Each cylinder shall bear the following information in clear and permanent marking and the marking shall still be legible after any external protective coating has been applied:

- a) The number of the standard in accordance with which the cylinder was manufactured (*for example, SANS 1739*);
- b) The date (month and year) of manufacture (*for example, A = January, therefore A/96*); or *something like 01 2016, 01-2016, 01/16 etc.*
- c) The manufacturer's name or trade mark or trade name (or any combination of these); (*for example (SAFEQUIP, BLUE CRANE, CENTA, CHUBB etc.)*)
- d) The test pressure (TP), in mega Pascal's (for example, TP: 3) ; (**3mpa=3000kpa**)
- e) The manufacturer's serial number (for example, mm/yy/+ serial No.); so the requirement of point (b) can be incorporated herein. Ex. 01/16/ 12345 or 01 2016 12345



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f) Any additional marking, if required (see annex A).

Annex A

(Normative)

Notes to purchasers

A.1 the following requirements shall be specified in tender invitations and in each order or contract:

- a) The capacity of the cylinder (see 5.2.2);
- b) Whether the test pressure rating shall be 3 000 kPa or 5 000 kPa (see 5.2.3);
- c) When relevant, that the cylinder shall not have a foot ring or skirt (see 6.6);
- d) Whether the cylinder shall have a light duty or heavy duty corrosion-resistant coating, and whether the coating shall be applied to the inside or to the outside or to all the surfaces of the cylinder (see clause 7);
- e) The colour of the cylinder (see clause 8); and
- f) Any additional marking (see 12.2.1(f)).

So what does this lot mean?

1. You should make yourself familiar with SANS1739
2. If the stamping doesn't meet the instruction label. Fit the correct label (manufacturer)
3. You pressure test to the marking requirements, and not SANS1475: 1.5times operation pressure.
4. You will after pressure testing ensure there is the minimum of 5mm clearance from the pressure vessel bottom and the skirt / foot ring base.

Presented By:	Date	Signature
Name: _____	_____	_____

NAME	SIGNATURE	NAME	SIGNATURE