

1.0 SPECIFICATIONS TABLE

Table 1

MATERIAL SPECIFICATIONS	
STANDARD	BS EN 10088-3
CLASSIFICATION	STAINLESS STEEL
STEEL NUMBER	1.4404
COMPOSITION	X2CrNiMo17-12-2
CONDITION	+AT
APPROVED ALTERNATIVE	
STANDARD	ASTM A276/A276M
CLASSIFICATION	STAINLESS STEEL
STEEL NUMBER	N/A
GRADE	316L
CONDITION	A
APPROVED ALTERNATIVE	
STANDARD	BS 970
CLASSIFICATION	STAINLESS STEEL
STEEL NUMBER	N/A
GRADE	316S16
CONDITION	AS ROLLED

2.0 SUPPLY SPECIFICATIONS

- 2.1 The material shall be supplied in accordance with the specifications detailed in **Table 1**
- 2.2 Where **Table 1** lists approved alternatives, then an approved concession for the supply of such is not required.
- 2.3 These specifications only apply to materials for which this document is referenced, and the document shall be listed on the LFH Fluid Control purchase order.
- 2.4 This specification document does not negate, supersede, or otherwise detract from the requirements specified in the standards listed in **Table 1** or standards therein.

3.0 DIMENSIONS

- 3.1 Where an LFH Fluid Control drawing is specified, supply dimensions shall be per drawing.
- 3.2 Where no drawing is specified, i.e., for raw stock material, the LFH Fluid Control purchase order shall contain the part description and this part description shall contain the dimensional information for the material to be supplied.

4.0 SUBSTITUTIONS

- 4.1 Under exceptional circumstances, LFH Fluid Control will consider a near equivalent substitution to the material stated in **Table 1**
- 4.2 Under exceptional circumstances, where raw stock material of the dimensions requested is not readily available, LFH Fluid Control will consider an alternative near size.
- 4.3 Under the above circumstances, the supplier must seek concession approval.

5.0 CONCESSION

- 5.1 All requests for concession approval must be submitted to LFH Fluid Control, prior to supply, via email address: procurement@lfhfluidcontrol.com
- 5.2 Where concession approval is granted, the supplier must supply a copy of the concession paperwork with the goods, clearly marking the item/s that are under concession.
- 5.3 Where a substitution is supplied, or where the supplied material is otherwise identified as non-complaint to the purchase order, under no circumstances will goods be receipted into LFH Fluid Control without an accompanying approved concession being present.

6.0 SUPPLY DOCUMENTATION

- 6.1 The purchase order will contain a reference to a Supplier Documentation Requirements List (SDRL). If the supplier does not have a copy of the current SDRL, then it must be requested from LFH Fluid Control procurement, via email address: procurement@lfhfluidcontrol.com
- 6.2 In circumstances where an SDRL is not specified, and documentation requirements are not listed on the purchase order, the supplier shall contact LFH Fluid Control to ascertain document deliverable requirements, via email address: procurement@lfhfluidcontrol.com

- 6.3 Supply to the specified SDRL is compulsory and acceptance of receipt of goods at LFH Fluid Control will be dependent on these requirements being met, amongst other acceptance criteria.

7.0 MARKINGS

- 7.1 Where the purchase order specifies a part number, this part number must be clearly marked on the supplied materials. The packaging and marking must be of a manner that allows easy identification of individual materials to the LFH Fluid Control part numbers.
- 7.2 Where no part number is specified, the LFH Fluid Control purchase order number and line number must be clearly marked on the supplied materials. The packaging and marking must be of a manner that allows easy identification of individual materials to the LFH Fluid Control purchase order number and line numbers.
- 7.3 The SDRL stipulates further traceability marking requirements.
- 7.4 All such markings should be semi-permanent, able to withstand transport and storage, and not detrimental to the dimensions or finish of the supplied materials.

8.0 REQUIRED APPROVALS:

<i>Design & Engineering Manager</i>	<i>Approvals on File</i>

9.0 REVISION HISTORY

Revision	Date	Initiator	Summary of Change
00	15/04/2019	CL	INITIAL RELEASE
01	21/07/2021	CL	Additional APPROVED ALTERNATIVES <i>ASTM A276/A276M</i> & <i>BS 970</i> added to table.
02	11/01/2023	DW	New document template used and document title changed from TS0022 STEEL NUMBER 1.4404 STAINLESS STEEL to TS0022 NC & NS MATERIAL following new naming convention.