

FCI

Fabrication & Controlling Instruction

Tagging of material



Document No.

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Revision

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Revision Table Document						
Revision	Created by	Checked by	Approved by	Description		
0	Christoph Marti 01.01.2015	Christoph Marti 01.01.2015		First issue		
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1 Introduction

This specification contains information how material shall be marked to have an overall project standard for all suppliers.

This is achieved by Tag Plates which shall have the same information written in the same form for all MAERZ projects.

2 Case differentiation and tagging instruction

2.1 Single Items



Description:

Item consisting of one piece

Tagging:

- Every Single Item shall have a Tag Plate
- Tag plate shall be bonded or attached by a wire strap if part is too small to bond it directly

2.2 Single Items combined to a bundle / in a bag



Description:

Similar single Items combined to a bundle / in a bag

Tagging:

- Every bag, bundle or box shall have a Tag Plate
- Tag plate shall be bonded or attached by a wire strap if part is too small to bond it directly

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2.3 Assembly



Description:

Assemblies consist of different together mounted pieces

Tagging:

- Each Assembly shall have a Tag Plate
- Tag plate shall be bonded or attached by a wire strap if part is too small to bond it directly

2.4 Group of Assemblies



Description:

Group of together mounted Assemblies (machines, instruments, racks, etc.)

Tagging:

- Each Assembly shall have a Tag Plate
- Each "Group of Assemblies" shall have one overall Tag Plate
- Tag Plates shall be bonded or attached by a wire strap if part is too small to bond it directly

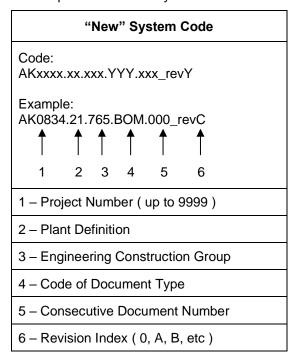
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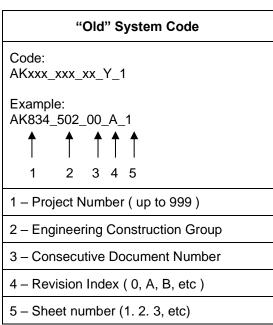


3 Tagging

3.1 Number configuration

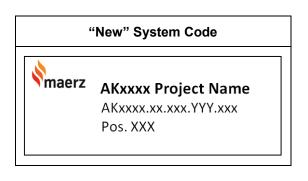
Due to historical reasons, MAERZ is using two kinds of document numbering systems. Following table explains these two systems:

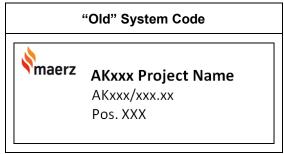




3.2 Tag Plate

Tag Plates shall be fabricated according MAERZ word file-template.





- Size of label as per draft word file 63.5 mm x 29.6 mm
- Material of label: Polyester
- Color of label: silver
- Label must be waterproof, resistant to UV, oil, dirt and tearing.
- Temperature resistant from -20°C to +80°C
- Label must be bonded on plastic or metal plate Material which is exposed to environment impacts must be bonded on a metal Tag Plate

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3.3 How to identify position/Tag number

- BOM:

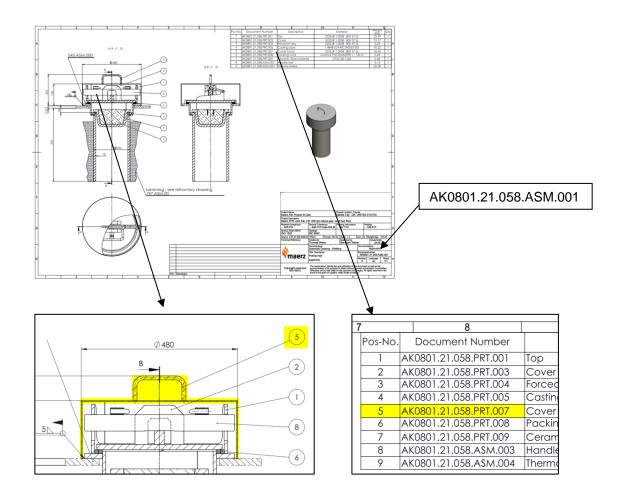
Position/Tag no. can be found in the bill of material as for example shown below:

AK0801.21.640.ELD.000 Instrument List						
CLIENT, M=MAERZ,	ELS=ELECTRICAL SUPPLIER, SI	WS=SKI	P WING			
Client TAG No.	Application	Qty.	Equip			
	Combustion air pressure	1	Press			
		1	Shut			
	CLIENT, M=MAERZ,	CLIENT, M=MAERZ, ELS=ELECTRICAL SUPPLIER, St Client TAG No. Application	**CLIENT, M**MAERZ, ELS**ELECTRICAL SUPPLIER, SWS**SKII Client TAG No. Application Qty.			

AK	AK0801.21.520.BOM.010		
POS.	PIECE	DENOMINATION / DIMENSIO	
2	1	Gas reversal and safety rack incl. flanges, sealing, bolts and nuts	

- Drawing:

To identify the part, the position number of the assembly drawing shall be taken.



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