

CASTING IDENTIFICATION MARKINGS AND SUPPLIER CODES

1. SCOPE

1.1 This standard defines the size, general location, and information for the supplier identification and material code required by New Holland. In addition, Table 1 lists the specific insignias for the foundries which New Holland has approved as suppliers.

1.2 This standard replaces the following company standard:

New Holland 2.50.4.

2. APPLICATION

2.1 Unless otherwise specified by note on the Engineering drawing, and when the size of the casting permits, all castings shall have legible markings as required by this standard.

2.2 Unless otherwise specified by note on the Engineering drawing the actual location of the markings will be at the discretion of the foundry. When possible all markings should be on unmachined surfaces.

2.3 Unless otherwise specified by note on the Engineering drawing, only those foundries listed in Table 1 are approved for New Holland use.

2.4 When approved by Product Engineering, Materials Engineering, Quality Assurance, and the Purchasing Department other suppliers not on Table 1 may be listed on the drawing as approved suppliers.

3. DESIGNATION

3.1 The Engineering drawings shall have the following note:

Identification and supplier code per item number__.

3.2 The Engineering drawing shall have this standard listed as an item in the parts list.

X	Q	86507096	STD CASTING ID
ITEM	QUANTITY	SIZE	PART NUMBER
D ANGLE SECTION			
MATERIAL			
FINISH			
TOLERANCES			
THE FOLLOWING TOLERANCES APPLY UNLESS OTHERWISE SPECIFIED:			
FRACTIONAL DECIMALS			
MACHINED SURFACES FINISH = 32			
EXCEPT SHALL			
POSITION TOLERANCES AND RELATED FEATURES, APPLY HERE, OTHER ELSEWHERE			

4. REQUIREMENTS

4.1 Unless otherwise specified on the Engineering drawing and when the size of the casting permits, each casting shall have the following markings:

Identification mark of the manufacturer.

Material identification.

Suggested Codes:

A -- Aluminum

G -- Grey Iron

D -- Ductile Iron

M -- Malleable Iron

CG -- Compacted Graphite Iron

S -- Steel

Rough casting number.

Casting pour or heat date.

4.2 The letters shall be 0.25" (6mm) to 0.50" (12mm) high. Unless otherwise specified the letters may be either raised or indented 0.02" (0.5mm) to 0.05" (1.3mm).

					NAME	STD CASTING ID			
					 NEW HOLLAND			ENGINEERING SPECIFICATION	
								FRAME	OF
								1	2
								PART NUMBER	
								86507096	
ALL	B	RLF	110274	JUL 97	THE INFORMATION HEREON IS THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF NEW HOLLAND NORTH AMERICA, INC. AND/OR NEW HOLLAND CANADA, LTD. ANY USE, EXCEPT THAT FOR WHICH IT MAY BE LOANED, IS PROHIBITED.				
ALL	A	RE	104739	931015					
FRAME NO.	REV	BY	ECN NO.	DATE					
APP.	DRAWN		L NOLT	SEPT 93					
KHH OCT 93	CHECKED								

Procedural / Engineering Design

FNHA-3-A-010.00

4.3 The foundry identification and material code should be in the same area, separated by a dash (-). The identification shall be first, followed by the material code.

4.4 The pour date may be in code specified by the foundry.

Example:

X--X - D (Buck - Ductile)

Table 1		
Approved Foundries And Insignias		
Foundry	Insignia	Material
Aarow Electric Iron		G, D
Ancast		G, D
Benton	BF	G, D
Buck	X-X	A, G, D, M
Donsco	O	G, D
Grede (New Castle)	NC	G, D
John Deere	A	G, D
Lancaster Malleable	L	M
Manitowoc	M	G, D
Monarch	M	G, D
Neenah	NF	G, D
Pennacast	P	S
Sheppard	S	D, SG
T.B. Woods	TBW	G, D
Waupaca	WF	G, D
Pryor	PFI	D
Webster		M
Wagner		M
Hitchner		D, S
Signacast		D, S
Crowe		G, D
American Aluminum		A
H & H		A
Iriquois		G
Belleville Castings		G, D
Iowa Malleable		M
Pacific Steel		S
Unitcast		S
Tri Cast		A
Custom Castings	C	A

 NEW HOLLAND	NAME			PART NUMBER		
	STD CASTING ID			86507096		
ENGINEERING SPECIFICATION			REV. B	FRAME 2	OF 2	 Documents