

Caterpillar Heat Treat Process Supplier Profile Overview

Supplier Code	C5016H2	PPM	NA	Date	16-Feb-21
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Supplier Name: Certified Heat Treating Division of O'Brien Steel Service Co.

Address: 8917 N. University St. Peoria IL 61615

Contact: Scott Haines / Derek Malone	Phone	309-693-7711
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Auditor:	WL Blair
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Operation	Score	Comments
C	96.0%	For carburizing in BIQs.
N	N/A	
DH	98.0%	For water quench and oil quench.
AN	100.0%	Approved for BIQ furnaces and box furnace.
SH	95.3%	
FN	98.4%	For FNC in BIQ furnaces

C = Gas / vacuum Carburizing 1E2318 / 1E2203 / 1E2204 OR Carbonitride 1E0439	N = Gas Nitriding / Plasma Nitriding 1E0548
DH=Direct Hardening 1E0106 / 1E0106A /1E0107	AN /STR= Annealing 1E0579 / Stress relief 1E2348
SH = Surface Hardening (induction 1E288 / Flame 1E0399 / Laser 1E2801)	FN = Ferritic Nitrocarburizing 1E2187

Audit Type: Re-assessment - Updated after corrective actions

Applicable 1E & ME Heat treat specifications: 1E0439, 1E0106, 1E0107, 1E2318, 1E2252, 1E0288, 1E0579

1E Steel to be processed: Many

Third party approvals: ISO 9001:2015, ISO 450001