



**HOFFMAN**

# THERMAL AUDIT FORM

Date: \_\_\_\_\_ Distributor: \_\_\_\_\_

Customer: \_\_\_\_\_ Point of Contact: \_\_\_\_\_

Machine #: \_\_\_\_\_ Description/Location: \_\_\_\_\_

Enclosure Dimensions: Height \_\_\_\_\_ Width \_\_\_\_\_ Depth \_\_\_\_\_

Enclosure Surfaces Not Allowing Heat Transfer (Circle each one that applies):

Top Bottom Front Back Left Right

Highest Ambient Temperature: \_\_\_\_\_ °F

Desired Inside Enclosure Temp at Highest Ambient Temp: \_\_\_\_\_ °F

Lowest Ambient Temp: \_\_\_\_\_ °F

Desired Inside Temp at Lowest Ambient Temp: \_\_\_\_\_ °F

Ambient Temp, 3 feet from Enclosure: \_\_\_\_\_ °F

Inside Top Enclosure Temp: \_\_\_\_\_ °F

A/C Mounting Options (Circle each one that applies): Top Side Door

Cabinet Type Rating: \_\_\_\_\_

Voltage Options (Circle each one that applies): 115V 230V 460V 3~ \_\_\_\_\_ Special

Water Supply? Yes No Air Supply? Yes No

Interested in Remote Access Control? Yes No

Visit [coolingtool.nvent.com](http://coolingtool.nvent.com) to find the ideal enclosure cooling solution!

# CORROSIVE AUDIT FORM

Site Area: \_\_\_\_\_

Ambient Temperature\*: \_\_\_\_\_ °F

Visible Signs of Corrosion (Circle)?

Yes

No

*\* Use from front side of audit sheet*

What is the Humidity Level (Circle One)?

Low

Med

High

What Chemicals are Present (If possible, differentiate direct and indirect contact)?

	Ambient/Indirect			Ambient/Indirect			Ambient/Indirect	
		Direct/Splash			Direct/Splash			Direct/Splash
#1 Fuel Oil (Kerosene)	<input type="checkbox"/>	<input type="checkbox"/>	Cutting Fluid Rustück (10%)	<input type="checkbox"/>	<input type="checkbox"/>	Pickling (solution)	<input type="checkbox"/>	<input type="checkbox"/>
#2 Fuel Oil	<input type="checkbox"/>	<input type="checkbox"/>	Cutting Fluid 5 Star (980 H)	<input type="checkbox"/>	<input type="checkbox"/>	Potassium Chloride (25% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>
Acetic Acid (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>	Cutting Oil Dark	<input type="checkbox"/>	<input type="checkbox"/>	Potassium Carbonate (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>
Acetone	<input type="checkbox"/>	<input type="checkbox"/>	Distilled Water	<input type="checkbox"/>	<input type="checkbox"/>	Potassium Hydroxide	<input type="checkbox"/>	<input type="checkbox"/>
Aluminum Chloride (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>	Ethyl Alcohol	<input type="checkbox"/>	<input type="checkbox"/>	Potassium Nitrate (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>
Aluminum Sulfate (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>	Ethylene Glycol	<input type="checkbox"/>	<input type="checkbox"/>	Potassium Sulfate (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>
Ammonium Chloride (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>	Ferric Chloride (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>	Sea Water Soap Igepal (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>
Ammonium Hydroxide (25% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>	Formic Acid (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>	Sodium Bicarbonate (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>
Ammonium Nitrate (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>	Hydraulic Brake Fluid	<input type="checkbox"/>	<input type="checkbox"/>	Sodium Bisulfate (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>
Ammonium Phosphate (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>	Hydraulic Oil	<input type="checkbox"/>	<input type="checkbox"/>	Sodium Chloride (25% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>
ASTM #1 Oil	<input type="checkbox"/>	<input type="checkbox"/>	Hydrochloric Acid (25% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>	Sodium Hydroxide (25% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>
ASTM #3 Oil	<input type="checkbox"/>	<input type="checkbox"/>	Hydrofluoric Acid (40% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>	Sodium Hypochlorite	<input type="checkbox"/>	<input type="checkbox"/>
Axle Grease	<input type="checkbox"/>	<input type="checkbox"/>	Isopropyl Alcohol	<input type="checkbox"/>	<input type="checkbox"/>	Sodium Nitrate (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>
Boric Acid (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>	Lacquer Thinner	<input type="checkbox"/>	<input type="checkbox"/>	Sodium Phosphate (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>
Bromine Water	<input type="checkbox"/>	<input type="checkbox"/>	Liquid Dish Soap (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>	Stoddard Solvent	<input type="checkbox"/>	<input type="checkbox"/>
Calcium Chloride (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>	Magnesium Chloride (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>	Sulfuric Acid (25% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>
Calcium Hydroxide (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>	Magnesium Hydroxide (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>	Sulfuric Acid (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>
Calcium Sulfate (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>	Mercuric Chloride (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>	Tannic Acid (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>
Calcium Hypochlorite (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>	Methylene Chloride	<input type="checkbox"/>	<input type="checkbox"/>	Tetrahydrofuran	<input type="checkbox"/>	<input type="checkbox"/>
Carbolic Acid (25% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>	Mineral Spirits	<input type="checkbox"/>	<input type="checkbox"/>	Toluene	<input type="checkbox"/>	<input type="checkbox"/>
Carbon Tetrachloride	<input type="checkbox"/>	<input type="checkbox"/>	Motor Oil (10wt)	<input type="checkbox"/>	<input type="checkbox"/>	Turpentine	<input type="checkbox"/>	<input type="checkbox"/>
Chlorine Water (5-10 ppm)	<input type="checkbox"/>	<input type="checkbox"/>	Nitric Acid (25% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>	Unleaded Gasoline	<input type="checkbox"/>	<input type="checkbox"/>
Chrome Plating (sol'n)	<input type="checkbox"/>	<input type="checkbox"/>	Oxalic Acid (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>	Xylene	<input type="checkbox"/>	<input type="checkbox"/>
Citric Acid (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>	Perchloroethylene	<input type="checkbox"/>	<input type="checkbox"/>	Zinc Chloride (10% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>
Cutting Fluid Castrol (980 H)	<input type="checkbox"/>	<input type="checkbox"/>	Phosphoric Acid (50% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>	Other: _____	<input type="checkbox"/>	<input type="checkbox"/>
Cutting Fluid Norton (205)	<input type="checkbox"/>	<input type="checkbox"/>	Phosphoric Acid (25% Sol'n)	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

Notes: \_\_\_\_\_

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