

UNITROL CHILLER SIZING WORK SHEET

COMPANY: _____

CONTACT: _____

PHONE NUMBER: _____

DATE: _____

AVAILABLE FACTORY VOLTAGE: Volts: _____, 1Ø _____, 3Ø _____

DIRECTIONS: Enter the following equipment list for all welders and other machines to be connected to the chiller.

A. Standard press or rocker arm single-point welders

Quantity: _____, KVA: _____, 1Ø _____, 3Ø _____

Quantity: _____, KVA: _____, 1Ø _____, 3Ø _____

Quantity: _____, KVA: _____, 1Ø _____, 3Ø _____

Quantity: _____, KVA: _____, 1Ø _____, 3Ø _____

Quantity: _____, KVA: _____, 1Ø _____, 3Ø _____

Typical number of spotwelds per hour per welder: _____

Typical thickness of metal being welded: _____

Most common type of metal being welded (ie. carbon steel, stainless, aluminum, etc.) _____

B. Transgun Welders

(Transformer in gun): Qty: _____, KVA: _____

Typical number of spotwelds per hour per welder: _____

Typical thickness of metal being welded: _____

Most common type of metal being welded (ie. carbon steel, stainless, aluminum, etc.) _____

C. Portable Gun Welders

(Transformer separate from gun): Qty: _____, KVA: _____, Kickless Cable _____ in.

Typical number of spotwelds per hour per welder: _____

Typical thickness of metal being welded: _____

Most common type of metal being welded (ie. carbon steel, stainless, aluminum, etc.) _____

D. Special Welders

MACHINE #1

Number of transformers: _____, KVA of each transformer: _____,

Number of weld heads: _____

Secondary cables (check one): Air cooled, Water cooled

Typical number of spotwelds per hour per electrode: _____

Typical thickness of metal being welded: _____

Most common type of metal being welded (ie. carbon steel, stainless, aluminum, etc.) _____

MACHINE #2

Number of transformers: _____, KVA of each transformer: _____,

Number of weld heads: _____

Secondary cables (check one): Air cooled, Water cooled

Typical number of spotwelds per hour per electrode: _____

Typical thickness of metal being welded: _____

Most common type of metal being welded (ie. carbon steel, stainless, aluminum, etc.) _____

MACHINE #3

Number of transformers: _____, KVA of each transformer: _____,

Number of weld heads: _____

Secondary cables (check one): Air cooled, Water cooled

Typical number of spotwelds per hour per electrode: _____

Typical thickness of metal being welded: _____

Most common type of metal being welded (ie. carbon steel, stainless, aluminum, etc.) _____

MACHINE #4

Number of transformers: _____, KVA of each transformer: _____,

Number of weld heads: _____

Secondary cables (check one): Air cooled, Water cooled

Typical number of spotwelds per hour per electrode: _____

Typical thickness of metal being welded: _____

Most common type of metal being welded (ie. carbon steel, stainless, aluminum, etc.) _____

MACHINE #5

Number of transformers: _____, KVA of each transformer: _____,

Number of weld heads: _____

Secondary cables (check one): Air cooled, Water cooled

Typical number of spotwelds per hour per electrode: _____

Typical thickness of metal being welded: _____

Most common type of metal being welded (ie. carbon steel, stainless, aluminum, etc.) _____

C: Other Loads

1. MIG welders: Qty: _____, Torch Amp Rating: _____, Light __, Heavy __
2. TIG welders: Qty: _____, Torch Amp Rating: _____, Light __, Heavy __
3. Induction Heaters: Qty: _____, KW rating: _____, Light __, Heavy __
4. Piston Compressor: HP _____, single stage _____, dual stage _____, aftercooler _____
5. Screw Compressor: HP _____,
6. Other: