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MELTING AND HOLDING FURNACE QUESTIONNAIRE				
D-003A				
Questionnaires are available for:Tilting Rotary FurnacesMelting and Holding FurnacesAluminium Siphoning SystemsCremators & IncineratorsHeating Furnace/Oven/Kiln				
To determine scope and preliminary specification for a MAJOR M be completed as fully as possible or left with client for completion.	ELTING AND HOLDING FURNACE and ancillary equipment. It should			
COMPANY NAME:ADDRESS:	POSTCODE:			
Contract (1):	Position/Title:			
Contact (1): Contact (2):	Position/Title:			
TELEPHONE NO:	FAX NO:			
EMAIL:				
ADDRESS OF PROPOSED FURNACE LOCATION	:			
NATURE OF ENQUIRY*				
FEASIBILITY STUDY?	YES NO			
HAVE FUNDS BEEN APPROVED?	YES NO			
WILL "ORDER OF MAGNITUDE" PRICING SUFF	ICE? YES NO			
OR BUDGET PRICE?	YES NO			
FORMAL QUOTATION?	YES NO			
\$50,000 to \$100,000 () \$5	50,000 to \$500,000 () 00,000 to \$1,000,000 () \$1,000,000 ()			
	, (0			
COMMENTS ON PROJECT PROGRAMME & CON	AMISSIONING DATE*			
PRODUCT Product/Metal(s) to be melted? Composition				



COMPOSITION:		Part Weight (Kg)	Dimensi	<u>ons (mm)</u>
Minimum	-			
Average or Referen Maximum	nce			
PROCESS DESCRIP	TION: (eg, N	felting, Holding, Scrap Red	clamation, etc)	
DESCRIBE PROCES	S:			
Separate Melting and	Holding Cha	mbers required:		
<u>THROUGHPUT</u> :	Kg per hr Hrs per Day		or Kg per Batch Batches per day	
CYCLE DESCRIPT		eek		
	Loading Tin		°C in	
	Heat from		°C in	
		charge	in	minutes
Time/Temperature Pro	ofile if approp	priate should be attached.		
TEMPERATURE UNIFORMITY TOLERANCE: +/- °C				
PREFERRED FURNA	ACE TYPE:			
Reference Installation	s if appropria	ate, i.e. similar to		
FORM OF HEATIN	G	: Natural Gas / 1	LPG / Oil / Other:	
AVERAGE FUEL P		:	—	
SPECIFICATION, i. Supply Pressure Voltage Hz Amps KVA	-	alue (Oil/Gas)		
HEAT RECOVERY EQUIPMENT COSTING REQUESTED YE NO S S S				
What is simple pay back period to justify heat recovery equipment? Years				
What is actual energy cost per year on existing equipment (if applicable?\$				



CONTROLLED ATMC	SPHERE REQUIR	EMENTS	(If Applicable):		
Type of Atmosp Already Existing To be quoted by	g :				YE	NO
To be supplied b	by Others				S YE	NO
Flow Rates:	Peak Average Minimum	:		Nm ³ /Hr Nm ³ /Hr Nm ³ /Hr	S	
OTHER DETAILS:						
FURNACE CONTROL Examples Indicating Temper PLC Touchscreen			ATION DESII red Make	RED: <u>Model</u>		
Chart Recorder & Other	No. of Points					
LOCATION: (Do Special Conditions apply to Site, e.g. Flame Proof?						
REFRACTORIES: (Par	ticular Requirement	s or Site Sp	pecifications?)			
FURNACE HARDWARE (If Applicable): (e.g. Loading System, Baskets, Jigs, Stands, etc. Please specify if to be included in scope & describe.)						
MECHANICAL HANDLING - ENTRY & EXIT: (e.g. Conveyors, Feeders, Chutes, Elevators, Robotics, etc).						
SPACE / SIZE LIMITATIONS: (If Applicable include Sketch, Dimensions, Drawings)						
AIR EMISSION LIMITATIONS (If Applicable):						



OTHER PROJECT REQUIREMENTS:

MAJOR OFFER A CONSULTANCY SERVICE FOR FURNACES AND RELATED PLANT FOR:

 New Plant Plant Refurbishment Plant Retrofitting
 Process Options Energy Conservation Productivity Improvement Fuel Conversion

Please Return To:	Major Furnace Australia Pty. Ltd. 92 Fairbank Road, CLAYTON, VIC. 3169 Tel: +61 3 8558 1800 Fax: +61 3 8558 1805 EMail: <u>major@majoreng.com.au</u>