

Furnace:	1				
KSEC serial number:	DMCC-1				
MCNC Reference	"A" Stack				
Tube Level	1	ATM			
Control System	7351C				
	P/N	Revision	Software Version	Condition	Comments
Load Island Frame				Good	
Boat Loaders	3161491	7670	1.3.0	Good	Vertically Mounted
Paddle					2" Square
Closure					On Paddle
Termibox	9760024				Plug in
7351C Controller					
Video Board	3161181		2.4.5		
Battery Back Board	3161201				
Cannister	9000230				
G Board	3160320		2.3.5		
E Board	3160710E				
C Board	3160181G				
B Board	3161031				
ScavengerBox				Good	Clean
Mainframe				Good	Clean
Heat Exchanger				Good	All fans working
Element	2950510				
L/L Scanner	9760001	7801			Obsolete
Trigger Cards				Good	No Tray Board
Battery Backup Circuit	9760006				
Alarm Processor	9760045				
Source Cabinet Frame				Good	
Gas Electronics	9001578	7800			
Source End Flange					Non-Standard
MFC's	UFC-1000				Unit MFC's
Gases Plumbed to Stack					Ar, HCL, O2, H2, N2
Notes:	1) Battery Backup positive terminal corroded badly. These battery backup systems are not functioning since MCNC installed an external UPS system. Suggest removing.				
	2) Source cabinet minor plumbing corrosion				
	3) Not sure of the purpose of a battery charger in the base of the source cabinet				

Furnace:	1				
KSEC serial number:	DMCC-1				
MCNC Reference	"A" Stack				
Tube Level	2	ATM			
Control System	7351C				
	P/N	Revision	Software Version	Condition	Comments
Load Island Frame				Good	
Boat Loaders	3161491	7670	OA5A	Good	Vertically Mounted, FOSS IND repair
Paddle					2" Square
Closure					On Paddle
Termibox	9760024				Plug in
7351C Controller					
Video Board	3161181		2.4.5		
Battery Back Board	3161201				
Cannister	9000320				
G Board	3160320		2.3.5		
E Board	3160710E				
C Board	3160181				FOSS IND Repair
B Board	3161031				
ScavengerBox				Good	Clean
Mainframe				Good	Clean
Heat Exchanger				Good	All fans working
Element	2950510				
L/L Scanner	9760001	7601			Obsolete
Trigger Cards				Good	
Battery Backup Circuit	9760006				
Alarm Processor	9760045				
Source Cabinet Frame				Good	
Gas Electronics	9001578	7800			
Source End Flange					Non-Standard
MFC's	UFC-1000				Unit MFC's
Gases Plumbed to Stack					Ar, HCL, O2, H2, N2
Notes.	1) Binary Alarm #5 not working				

<b>Furnace:</b>	1				
<b>KSEC serial number:</b>	DMCC-1				
<b>MCNC Reference</b>	"A" Stack				
<b>Tube Level</b>	3	ATM			
<b>Control System</b>	7351C				
	<b>P/N</b>	<b>Revision</b>	<b>Software Version</b>	<b>Condition</b>	<b>Comments</b>
Load Island Frame				Good	
Boat Loaders	3161491	7670	1.3.0	Good	Vertically Mounted
Paddle					2" Square
Closure					On Paddle
Termibox	9760024				Plug in
7351C Controller					
Video Board	3161181		2.4.4		
Battery Back Board	3161201				
Cannister	9000320				
G Board	3160320	Rev. C	2.3.5		
E Board	3160710E				
C Board	3160180G				
B Board	3161031				
ScavengerBox				Good	Clean
Mainframe				Good	Clean
Heat Exchanger				Good	All fans working
Element	2950510				
L/L Scanner	9760001	7601			Obsolete
Trigger Cards				Good	No Tray Board
Battery Backup Circuit	9760006				
Alarm Processor	9760045				
Source Cabinet Frame				Good	
Gas Electronics	9001578	7800			
Source End Flange					Non-Standard
MFC's	UFC-1000				Unit MFC's
Gases Plumbed to Stack					Ar,HCL,O2,H2,N2
Notes:					

Furnace:	1				
KSEC serial number:	DMCC-1				
MCNC Reference	"A" Stack				
Tube Level	4	ATM			
Control System	7351C				
	P/N	Revision	Software Version	Condition	Comments
Load Island Frame				Good	
Boat Loaders	3161491	7870	0A5A	Good	Vertically Mounted, FOSS IND Repair
Paddle					2" Square
Closure					On Paddle
Termibox	9760024				Plug in
7351C Controller					
Video Board	3161181		2.4.4		
Battery Back Board	3161201				
Cannister	9000230				
G Board	3160320		2.3.5		
E Board	3160710E				
C Board	3160181G				
B Board	3161031				
ScavengerBox				Good	Clean
Mainframe				Good	Clean
Heat Exchanger				Good	All fans working
Element	2950510				
L/L Scanner	9760001	7601			Obsolete
Trigger Cards				Good	No Tray Board
Battery Backup Circuit	9760006				
Alarm Processor	9760045				
Source Cabinet Frame				Good	
Gas Electronics	9001578	7800			
Source End Flange					Non-Standard
MFC's	UFC-1000				Unit MFC's
Gases Plumbed to Stack					Ar, HCL, O2, H2, N2
Notes:	1) Note on DDC "Gas panel rebuilt, do not turn on functions 1 & 5 at same time.				

Furnace:	2				
KSEC serial number:	DMCC-2				
MCNC Reference	"B" Stack				
Tube Level	1	ATM			
Control System	7351C				
	P/N	Revision	Software Version	Condition	Comments
Load Island Frame				Good	
Boat Loaders	3161491	7670	1.3.0	Good	Vertically Mounted
Paddle					2" Square
Closure					On Paddle
Termibox	9760024				Plug in
7351C Controller					
Video Board	3161181		2.4.5		
Battery Back Board	3161201				
Cannister	9000320				
G Board	3160320	Rev. B	2.3.5		
E Board	3160710C				
C Board	3160180G				
B Board	3161031				
ScavengerBox				Good	Clean
Mainframe				Good	Clean
Heat Exchanger				Good	All fans working
Element	2950510				
L/L Scanner	9760001	7601			Obsolete
Trigger Cards				Good	No Tray Board
Battery Backup Circuit	9760006				
Alarm Processor	9760045	7653			
Source Cabinet Frame				Good	
Gas Electronics	9001576	7800			
Source End Flange					Non-Standard
MFC's	UFC-1000				Unit MFC's
Gases Plumbed to Stack					Ar, HCL, O2, H2, N2
Notes:	1) Communication module P/N 9760023				

Furnace:	2				
KSEC serial number:	DMCC-2				
MCNC Reference	"B" Stack				
Tube Level	2	ATM			
Control System	7351C				
	P/N	Revision	Software Version	Condition	Comments
Load Island Frame				Good	
Boat Loaders	3161491	7670 Rev 5/24	1.0.0	Good	Vertically Mounted
Paddle					2" Square
Closure					On Paddle
Termibox	9760024				Plug in
7351C Controller					
Video Board	3161181		2.4.4		
Battery Back Board	3161201				
Cannister	9000320				
G Board	3160320	Rev. B	2.3.5		
E Board	3160710E				
C Board	3160180G				
B Board	3161031				
ScavengerBox				Good	Clean
Mainframe				Good	Clean
Heat Exchanger				Good	All fans working
Element	2950510				
L/L Scanner	9760001	7601			Obsolete
Trigger Cards				Good	No Tray Board
Battery Backup Circuit	9760006				
Alarm Processor	9760045				
Source Cabinet Frame				Good	
Gas Electronics	9001576	7800			
Source End Flange					Non-Standard
MFC's	UFC-1000				Unit MFC's
Gases Plumbed to Stack					Ar,HCL,O2,H2,N2
Notes:					

Furnace:	2				
KSEC serial number:	DMCC-2				
MCNC Reference	"B" Stack				
Tube Level	3	ATM			
Control System	7351C				
	P/N	Revision	Software Version	Condition	Comments
Load Island Frame				Good	
Boat Loaders	3161491	7870	0A5A	Good	Vertically Mounted, FOSS IND Repair
Paddle					2" Square
Closure					On Paddle
Termibox	9760024				Plug in
7351C Controller					
Video Board	3161181		2.4.4		
Battery Back Board	3161201				
Cannister	9000320				
G Board	3160320		2.3.5		
E Board	3160710E				
C Board	3160180G				
B Board	3161031				
ScavengerBox				Good	Clean
Mainframe				Good	Clean
Heat Exchanger				Good	All fans working
Element	2950510				
L/L Scanner	9760001	7601			Obsolete
Trigger Cards				Good	No Tray Board
Battery Backup Circuit	9760006				
Alarm Processor	9760045				
Source Cabinet Frame				Good	
Gas Electronics	9001576	7800			
Source End Flange					Non-Standard
MFC's	UFC-1000				Unit MFC's
Gases Plumbed to Stack					Ar,HCL,O2,H2,N2
Notes:	1) DDC Keypad not functioning, needs to be replaced.				

Furnace:	2				
KSEC serial number:	DMCC-2				
MCNC Reference	"B" Stack				
Tube Level	4	ATM			
Control System	7351C				
	P/N	Revision	Software Version	Condition	Comments
Load Island Frame				Good	
Boat Loaders	3161491	7670	0A5A	Good	Vertically Mounted, FOSS IND Repair
Paddle					2" Square
Closure					On Paddle
Termibox	9760024				Plug in
7351C Controller					
Video Board	3161181		2.4.4		
Battery Back Board	3161201				
Cannister	9000320				
G Board	3160320	Rev.B	2.3.5		
E Board	3160710E				
C Board	3160180G				
B Board	3161031				
Scavenger Box				Good	Clean
Mainframe				Good	Clean
Heat Exchanger				Good	All fans working
Element	2950510				
L/L Scanner	9760001	7601			Obsolete
Trigger Cards				Good	No Tray Board
Battery Backup Circuit	9760006				
Alarm Processor	9760045				
Source Cabinet Frame				Good	
Gas Electronics	9001811	7800			
Source End Flange					Non-Standard
MFC's	UFC-1000				Unit MFC's
Gases Plumbed to Stack					Ar, HCL, O2, H2, N2
Notes:	1) Bubbler (Pocl) Schumacher 1450-0051				



Furnace:	3				
KSEC serial number:	DMCC-4				
MCNC Reference	"C" Stack				
Tube Level	1	ATM			
Control System	7351C				
	P/N	Revision	Software Version	Condition	Comments
Load Island Frame				Good	
Boat Loaders	3161491	7670	1.3.0	Good	Vertically Mounted, FCSS IND Repair
Fiddle					2" Square
Closure					On Paddle
Termibox	9760024				Plug in
7351C Controller					
Video Board	3161181		2.4.4		
Battery Back Board	3161201				
Cannister	9000320				
G Board	3160320	Rev.B	2.3.5		
E Board	3160710E				
C Board	3160180G				
B Board	3161031				
ScavengerBox				Good	Clean
Mainframe				Good	Clean
Heat Exchanger				Good	All fans working
Element	2950510				
I/L Scanner	9760001	7601			Obsolete
Trigger Cards				Good	No Tray Board
Battery Backup Circuit	9760006				
Alarm Processor	9760045				
Source Cabinet Frame				Good	
Gas Electronics	9001814	7800			
Source End Flange					Non-Standard
MFC's	UFC-1000				Unit MFC's
Gases Plumbed to Stack					Ar,HCL,O2,H2,N2
Notes:	1) Additional Gases plumbed to stack but not through our Inlet. CDA, NH3,BCL3,PH3, DCS, Silane, 2nd Silane.				
	2) H2 Burn-off not used.				

Furnace:	3				
KSEC serial number:	DMCC-4				
MCNC Reference	"C" Stack				
Tube Level	2	CVD (NH)			
Control System	7355				
	P/N	Revision	Software Version	Condition	Comments
Load Island Frame				Good	
Boat Loaders	3161491	7670	1.3.3		Vertically Mounted
Paddle					2" Rnd
Closure					BTI closure and saddle
7355 Controller					
Video Board	3161181		1.2.1		
Sys I/O	3161161				
Sys Micro	3161171		1.4.7		
CIP	3161671	Rev. 1/B	1.2.4		
Battery Back Board	3161301				
Scavenger Box				Good	Clean
Mainframe				Good	
Heat Exchanger				Good	All Fans working
Element	2958058				
Temp Module	9780155	7354M	1.3.2		
6 CH OT	9780130				
Trigger Cards				Good	No tray board
Battery Backup Circuit	9760008				
Alarm Processor	9760045				
Source Cabinet Frame				Good	
Gas Electronics	9001745				
VCVD Interface	No Info				
Sol Dvr 1	3161721				
An I/O 1	3161933		1.2.1		
Source End Flange					Non-Standard
MFC's		1660			Unit MFC's
Gases Plumbed to Stack					Ar, HCL, O2, H2, N2
Notes:	1) Additional Gases plumbed to stack but not through our inlet. CDA, NH3, BCL3, PH3, DCS, Silane. 2nd Silane.				
	2) Keypad needs replacement				
	3) Boatloader card did not hold memory				
	4) MKS 1252 Pressure Controller				

Furnace:	3				
KSEC serial number:	DMCC-4				
MCNC Reference	"C" Stack				
Tube Level	3	CVD - Poly			
Control System	7355				
	P/N	Revision	Software Version	Condition	Comments
Load Island Frame				Good	
Boat Loaders	3161491	7670	1.3.3 PCH 1		
Paddle					2" Rnd
Closure					BTI Closure and Saddle
7355 Controller					
Video Board	3161181		1.2.1		
Sys I/O	3161161				
Sys Micro	3161171		1.4.7		
CIP	3161671	Rev. 1/B	1.2.4		
Battery Back Board	3161301				
ScavengerBox				Good	Clean
Mainframe				Good	
Heat Exchanger				Good	All Fans working
Element	2958056				
Temp Module	9760155	7354M	1.3.2		
6 CH OT	9760130				
Trigger Cards				Good	No tray board
Battery Backup Circuit	9760006				
Alarm Processor	9760045				
Source Cabinet Frame				Good	
Gas Electronics	9001745	8100			
VCVD Interface	No Info				FOSS IND Repair
Sol Dvr 1	3161721				
An I/O 1	3161933	Rev. 0/A	1.2.1		
Source End Flange					Non-Standard
MFC's		UFC-1000, 1660			Unit MFC's
Gasae Plumbed to Stack					Ar, HCL, O2, H2, N2
Notes:	1) Additional Gases plumbed to stack but not through our inlet. CDA, NH3, BCL3, PH3, DCS, Silane, 2nd Silane.				

Furnace:	3				
KSEC serial number:	DMCC-4				
MCNC Reference	"C" Stack				
Tube Level	4	CVD- <del>Ox</del>			
Control System	7355				
	P/N	Revision	Software Version	Condition	Comments
Load Island Frame				Good	
Boat Loaders	9760473	7670	1.4.6		Vertically Mounted
Paddle					2" Rnd
Closure					BTI Closure and Saddle
7355 Controller					
Video Board	3161181		1.2.1		
Sys I/O	3161161				
Sys Micro	3161171		1.4.7		
CIP	3161671	Rev. 1/B	1.2.4		
Battery Back Board	3161301				
ScavengerBox				Good	Clean
Mainframe				Good	
Heat Exchanger				Good	All Fans working
Element	2958056				
Temp Module	9760155	7354M	1.3.2		
6 CH OT	9760130				
Trigger Cards				Good	No tray board
Battery Backup Circuit	9760006				
Alarm Processor	9760045				
Source Cabinet Frame				Good	
Gas Electronics	9001863				
VCVD Interfae	No Info				
Sol Dvr 1	3161721				
An I/O 1	3161933	Rev 0/A	1.2.1		
Sol Dvr 2	3161721				
An I/O 2	3161936	Rev. 0/A	1.2.1		
Source End Flange					Non-Standard
MFC's		1660			Unit MFC's
Gases Plumbed to Stack					Ar, HCL, O2, H2, N2
Notes:	1) Additional Gases plumbed to stack but not through our inlet. CDA, NH3, BCL3, PH3, DCS, Silane, 2nd Silane.				
	2) Gas electronics is from D4				

Furnace:	4				
KSEC serial number:	DMCC-5				
MCNC Reference	"D" Stack				
Tube Level	1	Not in Use			
Control System	7351C				
	P/N	Revision	Software Version	Condition	Comments
Load Island Frame				Good	
Boat Loaders	No Card				Vertically Mounted
Paddle					No paddle
Closure					No closure
Termibox	9760024				Plug in
7351C Controller					
Vidco Board	3161181		2.1		U21 92B3,U22 1F94,U11 51E7
Battery Back Board	3161201				
Cannister	9000320				
G Board	3160320	Rev. A	2.3.5		
E Board	3160710C				
C Board	3160180G				
B Board	3161031				
ScavengerBox				Good	Clean
Mainframe				Good	Clean
Heat Exchanger				Good	All fans working
Element	2950510				
L/L Scanner	9760001	7601			Obsolete
Trigger Cards				Good	No Tray Board
Battery Backup Circuit	9760006				
Alarm Processor	9760045				
Source Cabinet Frame				Good	
Gas Electronics	9001815	7800			
Source End Flange					No flange
MFC's					No gas panel
Gases Plumbed to Stack					Ar,HCL,O2,H2,N2
Notes:	1) Additional Gases plumbed to stack but not through our inlet. CDA, NH3,BT3,PH3, DCS, Silane, NF3.				
	2) No keypad cable in DDC				
	3) Many components not connected				

Furnace:	4				
KSEC serial number:	DMCC-5				
MCNC Reference	"D" Stack				
Tube Level	2	CVD			
Control System					
	P/N	Revision	Software Version	Condition	Comments
Load Island Frame				Good	
Boat Loaders	3161491	7670	1.3.3		
Paddle					Could not confirm
Closure					BTI Closure and Saddle
7355 Controller					
Video Board	3161181		1.2.1		
Sys I/O	3161161	Rev 8/16			
Sys Micro	3161171	Rev. 3/B	1.4.7		
CIP	3161671	Rev. 1/B	1.2.4		
Battery Back Board	3161301				
ScavengerBox				Good	Clean
Mainframe				Good	
Heat Exchanger				Good	All Fans working
Element	2958056				
Temp Module	9760155	7354M	1.3.2		
6 CH OT	9760130				
Trigger Cards					No tray board
Battery Backup Circuit					
Alarm Processor					
Source Cabinet Frame				Good	
Gas Electronics		8100 Expanded			
VCVD Interface	No info				
Sol Dvr 1	3161721				
An I/O 1	3161933		1.2.1		
Sol Dvr 2	3161721				
An I/O 2	3161936		1.2.1		
Source End Flange					Non-Standard
MFC's					Unit MFC's
Gases Plumbed to Stack					Ar, HCL, O2, H2, N2
Notes:	1) Additional Gases plumbed to stack but not through our inlet. CDA, NH3, BT3, PH3, DCS, Silane, NF3.				

Furnace:	4				
KSEC serial number:	DMCC-5				
MCNC Reference	"D" Stack				
Tube Level	3	VD - LTO/PSG			
Control System	7355				
	P/N	Revision	Software Version	Condition	Comments
Load Island Frame				Good	
Boat Loaders	3161491	7670 Rev.17/D	1.4.6		
Paddle					
Closure					Could not confirm
7355 Controller					BTI Closure and Saddle
Video Board	3161181		1.2.1		
Sys I/O	3161181				
Sys Micro	3161171		1.4.7		
CIP	3161671	Rev. 2/B			
Battery Back Board	3161301				
Scavenger Box				Good	Clean
Mainframe				Good	
Heat Exchanger				Good	
Element	2958056			Good	All Fans working
Temp Module	9760155	7354M	1.3.2		
6 CH OT	9760130				
Trigger Cards					
Battery Backup Circuit					No tray board
Alarm Processor					
Source Cabinet Frame					
Gas Electronics		8100 Expanded		Good	
VCVD Interface	No info				
Sol Dvr 1	3161721				
An I/O 1	3161936		1.2.1		
Sol Dvr 2	3161721				
An I/O 2	3161933		1.2.1		
Source End Flange					
MFC's					Stancard
Gases Plumbed to Stack					Unit MFC's
Notes:	1) Additional Gases plumbed to stack but not through our inlet. CDA, NH3, BT3, PH3, DCS, Silane, NF3.				

Furnace:	4				
KSEC serial number:	DMCC-5				
MCNC Reference	"D" Stack				
Tube Level	4	Not Used			
Control System	7355				
	P/N	Revision	Software Version	Condition	Comments
Load Island Frame				Good	
Boat Loaders	No card				Load Lock Chamber
Paddle					Could not confirm
Closure					
7355 Controller					
Video Board	3161181		1.2.1		
Sys I/O	3161161				FCSS IND Repair
Sys Micro	3161171		1.4.7		
CIP	3161671	Rev. 1/B	1.2.4		
Battery Back Board	3161301				
Scavenger Box					Could not confirm
Mainframe				Good	
Heat Exchanger				Good	All Fans working
Fierment	2958056				
Temp Module	9760155	7354M	1.3.2		
6 CH OT	9760130				
Trigger Cards					No tray board
Battery Backup Circuit					
Alarm Processor					
Source Cabinet Frame				Good	
Gas Electronics					None
VCVD Interface					
Sol Dvr 1					
An I/O 1					
Sol Dvr 2					
An I/O 2					
Source End Flange					No Flange
MFC's					Unit MFC's
Gases Plumbed to Stack					Ar, HCL, O2, H2, N2
Notes:	1) Additional Gases plumbed to stack but not through our inlet. CDA, NH3, BT3, PH3, DCS, Silane, NF3.				