

TO: BRIAN FELDT

SAMRA
042300

CERTIFICATE OF CONFORMANCE

XSGA-PSV-X001A
XSGA-PSV-X001B
XSGA-PSV-X002
XSGA-PSV-X003
XSGA-PSV-X004
XSGA-PSV-X005A
XSGA-PSV-X005B

Suzanne Grueninger
September 26, 2005



-CERTIFICATE OF COMPLIANCE/CONFORMANCE-

NOOTER/ERIKSEN COGEN SYSTEMS INC
1509 OCELLO DRIVE

FENTON MO 63026

SUBJECT: YOUR ORDER NUMBER: 21481
DRESSER ORDER NUMBER: 22329160

GENTLEMEN:

WE HEREBY CERTIFY THAT THE FOLLOWING LISTED VALVES AND/OR PARTS FURNISHED ON THE ABOVE ORDER HAVE BEEN MANUFACTURED, INSPECTED AND ACCEPTED IN ACCORDANCE WITH DRESSER'S ENGINEERING, DESIGN, AND MATERIAL REQUIREMENT. THIS ORDER HAS BEEN PROCESSED WITHIN THE CONTROLS OF THE DRESSER VALVE DIVISION, ALEXANDRIA, LOUISIANA FACILITY QUALITY SYSTEM FOR THE DESIGN CONTROL, DEVELOPMENT AND MANUFACTURE OF CONSOLIDATED RELIEF VALVES IN ACCORDANCE WITH ASME B&PV CODE SECTIONS I, & VIII, DIV.1 AND ISO9001.

DRESSER ITEM NO: 001
SIZE: 50.8 MM INCHES: 2"
DESC: 1727WB-2-S-100-F3-WSC
QUANTITY: 2
SERIAL NO: DA04518, DA04519
ST ST TAG RIVETED TO VALVE: (1) XSGA-PSV-1001A
TAG: (1) XSGA-PSV-2001A
ADDITIONAL ST ST TAG RIVETED TO EACH VALVE:
CAPACITY: 52389 KG/HR (STEAM)
SET @ 117.2 BARG BARG: 117.2

WE CERTIFY THAT THE VALVE CONFORMS TO THE APPLICABLE RULES OF ASME B&PV CODE SECTION I.

VALVE COMPONENTS HYDROSTATICALLY TESTED PER HY-28 AT THE MINIMUM PRESSURE RANGES LISTED - NO LEAKAGE.

BASE ASSEMBLY - 4650 TO 4750 PSIG

VALVE FUNCTIONALLY TESTED PER PT-32 .

***** ORDER 22329160 CONTINUED *****

PAGE: 1

Dresser, Inc.

LA Hwy. 3225 @ US Hwy. 167N • Alexandria, Louisiana 71309-1430 • Ph. 318/640-2250 • Fax 318/640-6222 • www.dresser.com

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bag 9/26/05
SAMRA 042300

NOOTER/ERIKSEN COGEN SYSTEMS INC
YOUR ORDER NUMBER: 21481
DRESSER ORDER NUMBER: 22329160

DRESSER ITEM NO: 002
SIZE: 63.5 MM INCHES: 2 1/2"
DESC: 1737WB-2-S-100-F3-WSC
QUANTITY: 2
SERIAL NO: DA04520, DA04521
ST ST TAG RIVETED TO VALVE: (1) XSGA-PSV-1001B
TAG: (1) XSGA-PSV-2001B
ADDITIONAL ST ST TAG RIVETED TO EACH VALVE:
CAPACITY: 96202 KG/HR (STEAM)
SET @ 120.7 BARG BARG: 120.7

WE CERTIFY THAT THE VALVE CONFORMS TO THE APPLICABLE RULES OF
ASME B&PV CODE SECTION I.

VALVE COMPONENTS HYDROSTATICALLY TESTED PER HY-28 AT THE MINIMUM
PRESSURE RANGES LISTED - NO LEAKAGE.
BASE ASSEMBLY - 4650 TO 4750 PSIG

VALVE FUNCTIONALLY TESTED PER PT-32 .

DRESSER ITEM NO: 003
SIZE: 50.8 MM INCHES: 2"
DESC: 1727WE-2-S-100-F3-WSC
QUANTITY: 2
SERIAL NO: DA04522, DA04523
ST ST TAG RIVETED TO VALVE: (1) XSGA-PSV-1002
TAG: (1) XSGA-PSV-2002
ADDITIONAL ST ST TAG RIVETED TO EACH VALVE:
CAPACITY: 38177 KG/HR (STEAM)
SET @ 113.1 BARG BARG: 113.1

WE CERTIFY THAT THE VALVE CONFORMS TO THE APPLICABLE RULES OF
ASME B&PV CODE SECTION I.

VALVE COMPONENTS HYDROSTATICALLY TESTED PER HY-28 AT THE MINIMUM
PRESSURE RANGES LISTED - NO LEAKAGE.
BASE ASSEMBLY - 4650 TO 4750 PSIG

VALVE FUNCTIONALLY TESTED PER PT-32 .

***** ORDER 22329160 CONTINUED *****

PAGE: 2

bss 9/26/05
SANKA 042300

NOOTER/ERIKSEN COGEN SYSTEMS INC
YOUR ORDER NUMBER: 21481
DRESSER ORDER NUMBER: 22329160

DRESSER ITEM NO: 004
SIZE: 101.6 MM INCHES: 4"
DESC: 2765B-1-X1-WSC-RL
QUANTITY: 2
SERIAL NO: DA04524, DA04525
ST ST TAG RIVETED TO VALVE: (1) XSGA-PSV-1003
TAG: (1) XSGA-PSV-2003
ADDITIONAL ST ST TAG RIVETED TO EACH VALVE:
CAPACITY: 35298 KG/HR (STEAM)
SET @ 24.5 BARG BARG: 24.5

WE CERTIFY THAT THE VALVE CONFORMS TO THE APPLICABLE RULES OF
ASME B&PV CODE SECTION I.

VALVE COMPONENTS HYDROSTATICALLY TESTED PER HY-28 AT THE MINIMUM
PRESSURE RANGES LISTED - NO LEAKAGE.
BASE ASSEMBLY - 2450 TO 2550 PSIG

VALVE FUNCTIONALLY TESTED PER PT-32 .

DRESSER ITEM NO: 005
SIZE: 76.2 MM INCHES: 3"
DESC: 2745B-1-X1-WSC-RL
QUANTITY: 2
SERIAL NO: DA04526, DA04527
ST ST TAG RIVETED TO VALVE: (1) XSGA-PSV-1004
TAG: (1) XSGA-PSV-2004
ADDITIONAL ST ST TAG RIVETED TO EACH VALVE:
CAPACITY: 21026 KG/HR (STEAM)
SET @ 22.1 BARG BARG: 22.1
CDTP @ 22.5 BARG

WE CERTIFY THAT THE VALVE CONFORMS TO THE APPLICABLE RULES OF
ASME B&PV CODE SECTION I.

VALVE COMPONENTS HYDROSTATICALLY TESTED PER HY-28 AT THE MINIMUM
PRESSURE RANGES LISTED - NO LEAKAGE.
BASE ASSEMBLY - 2450 TO 2550 PSIG

VALVE FUNCTIONALLY TESTED PER PT-32 .

***** ORDER 22329160 CONTINUED *****

PAGE: 3

bss 9/26/05
SANTA 042300

NOOTER/ERIKSEN COGEN SYSTEMS INC
YOUR ORDER NUMBER: 21481
DRESSER ORDER NUMBER: 22329160

DRESSER ITEM NO: 006
SIZE: 76.2 MM INCHES: 3"
DESC: 1811MB-0-3X1-22-WSC
QUANTITY: 2
SERIAL NO: DA04528, DA04529
ST ST TAG RIVETED TO VALVE: (1) XSGA-PSV-1005A
TAG: (1) XSGA-PSV-2005A
ADDITIONAL ST ST TAG RIVETED TO EACH VALVE:
CAPACITY: 12479 KG/HR (STEAM)
SET @ 10.3 BARG BARG: 10.3

WE CERTIFY THAT THE VALVE CONFORMS TO THE APPLICABLE RULES OF
ASME B&PV CODE SECTION I.

VALVE COMPONENTS HYDROSTATICALLY TESTED PER HY-28 AT THE MINIMUM
PRESSURE RANGES LISTED - NO LEAKAGE.

BASE ASSEMBLY - 1200 TO 1270 PSIG

VALVE FUNCTIONALLY TESTED PER PT-2 .

DRESSER ITEM NO: 007
SIZE: 101.6 MM INCHES: 4"
DESC: 1811PB-0-3X1-22-WSC
QUANTITY: 2
SERIAL NO: DA04530, DA04531
ST ST TAG RIVETED TO VALVE: (1) XSGA-PSV-1005B
TAG: (1) XSGA-PSV-2005B
ADDITIONAL ST ST TAG RIVETED TO EACH VALVE:
CAPACITY: 22654 KG/HR (STEAM)
SET @ 10.6 BARG BARG: 10.6

WE CERTIFY THAT THE VALVE CONFORMS TO THE APPLICABLE RULES OF
ASME B&PV CODE SECTION I.

VALVE COMPONENTS HYDROSTATICALLY TESTED PER HY-28 AT THE MINIMUM
PRESSURE RANGES LISTED - NO LEAKAGE.

BASE ASSEMBLY - 1200 TO 1270 PSIG

VALVE FUNCTIONALLY TESTED PER PT-2 .

VERY TRULY YOURS,



M.D. BENJAMIN
QUALITY SYSTEMS DOCUMENTATION SPECIALIST

9/12/05
DATE

bsg 9/26/05
SAMRA 042300



Dresser Flow Control, Dresser, Inc.
LA Hwy 3225@US Hwy 167N
P. O. Box 1430
Alexandria, Louisiana 71309-1430

Valve Production Test Record
For ASME B&PV Code Section I (V) Safety Valves
Test Media: Steam

Flow Control

Reference Information												
Dresser Order No: 22329160		Item No: 001		Serial No: DA04518								
Customer Order No: 21481		Customer Name: NOOTER/ERIKSEN COGEN SYSTEMS INC										
Valve Information												
Inlet Size: 2" (50.8 MM)		Type/Description: 1727WB-2-S-100-F3-WSC										
Tagging: (1) XSGA-PSV-1001A												
Test Information												
Valve Tested to Engineering Instruction PT- 11				Revision: 9		All measurements in PSIG and °F unless noted otherwise						
Required Set Pressure	CDTP	Popping Point	Valve Inlet Pressure	Gauge Serial No	Gauge Calibration Due Date	Lift Assist Device Pressure	Assist Device Gauge No	Gauge Calibration Due Date	Back Pressure Gauge No	Calibration Due Date	Seat Tightness %	Media Temp
1700	0	1700	950	8050625	11-Nov-05	227	8051713	27-Oct-05			94	0
(117.2 BARG)		HydroPlug Installed: ☒		Lift Assist S/N: Y558-2		Calibration Due Date: 15-Jun-06						
Measured Lift: 0.396 Inches		Verified By: Jeff Willis		Date: 19-Jul-05								
Blowdown Closing Pressure	Blowdown Demonstrated By Test ☐		Blowdown control settings are required when valve is not tested to demonstrate Blowdown									
			Lower Adjusting Ring Setting: 2 Notches from starting position. Upper Adjusting Ring Setting: 0 Notches from starting position. (N/A indicates no upper adjusting ring.)									
Valves have been tested, including seat tightness, for the conditions checked above, and comply with ASME B&PV Code Test Requirements and the Dresser Engineering Test Instruction listed in this report.												
Customer Representative:										Date: 26-Jul-05		
QC Test Inspector:										Date:		
QC Final Inspector: Tommy Douzart										Date: 28-Jul-05		



Dresser Flow Control, Dresser, Inc.
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Flow Control

Valve Production Test Record For ASME B&PV Code Section I (V) Safety Valves Test Media: Steam

Reference Information												
Dresser Order No: 22329160		Item No: 001		Serial No: DA04519								
Customer Order No: 21481		Customer Name: NOOTER/ERIKSEN COGEN SYSTEMS INC										
Valve Information												
Inlet Size: 2" (50.8 MM)		Type/Description: 1727WB-2-S-100-F3-WSC										
Tagging:		TAG: (1) XSGA-PSV-2001A										
Test Information												
Valve Tested to Engineering Instruction PT- 11				Revision: 9		All measurements in PSIG and °F unless noted otherwise						
Required Set Pressure	CDTP	Popping Point	Valve Inlet Pressure	Gauge Serial No	Gauge Calibration Due Date	Lift Assist Device Pressure	Assist Device Gauge No	Gauge Calibration Due Date	Back Pressure Gauge No	Calibration Due Date	Seat Tightness %	Media Temp
1700	0	1696	950	8050625	11-Nov-05	227	8051713	27-Oct-05			94	0
(117.2 BARg)		HydroPlug Installed: ☒		Lift Assist S/N: Y558-2 Calibration Due Date: 15-Jun-06								
Measured Lift: 0.389 Inches		Verified By: Sean Lacombe		Date: 19-Jul-05								
Blowdown Closing Pressure	Blowdown Demonstrated By Test ☐		Blowdown control settings are required when valve is not tested to demonstrate Blowdown									
			Lower Adjusting Ring Setting: 2 Notches from starting position. Upper Adjusting Ring Setting: 0 Notches from starting position. (N/A indicates no upper adjusting ring.)									
Valves have been tested, including seat tightness, for the conditions checked above, and comply with ASME B&PV Code Test Requirements and the Dresser Engineering Test Instruction listed in this report.												
Tester: Danny Winn Date: 23-Jul-05												
Customer Representative: Date:												
QC Test Inspector: Date:												
QC Final Inspector: Tommy Douzart Date: 27-Jul-05												



Dresser Flow Control, Dresser, Inc.
LA Hwy 3225@US Hwy 167N
P. O. Box 1430
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Valve Production Test Record
For ASME B&PV Code Section I (V) Safety Valves
Test Media: Steam

Flow Control

Reference Information												
Dresser Order No: 22329160		Item No: 002		Serial No: DA04520								
Customer Order No: 21481		Customer Name: NOOTER/ERIKSEN COGEN SYSTEMS INC										
Valve Information												
Inlet Size: 2 1/2" (63.5 MM)		Type/Description: 1737WB-2-S-100-F3-WSC										
Tagging: (1) XSGA-PSV-1001B												
Test Information												
Valve Tested to Engineering Instruction PT- 11				Revision: 9		All measurements in PSIG and °F unless noted otherwise						
Required Set Pressure	CDTP	Popping Point	Valve Inlet Pressure	Gauge Serial No	Gauge Calibration Due Date	Lift Assist Device Pressure	Assist Device Gauge No	Gauge Calibration Due Date	Back Pressure Gauge No	Calibration Due Date	Seat Tightness %	Media Temp
1750	0	1750	950	8050625	11-Nov-05	477	8051713	27-Oct-05			94	0
(120.7 BARG)		HydroPlug Installed: ☒		Lift Assist S/N: Y558-2 Calibration Due Date: 15-Jun-06								
Measured Lift: 0.493 Inches		Verified By: Perry Brown		Date: 30-Jun-05								
Blowdown Closing Pressure	Blowdown Demonstrated	Blowdown control settings are required when valve is not tested to demonstrate Blowdown										
	By Test ☐	Lower Adjusting Ring Setting: 3 Notches from starting position. Upper Adjusting Ring Setting: 0 Notches from starting position. (N/A indicates no upper adjusting ring.)										
Valves have been tested, including seat tightness, for the conditions checked above, and comply with ASME B&PV Code Test Requirements and the Dresser Engineering Test Instruction listed in this report.												
Tester: John Coco Date: 06-Jul-05												
Customer Representative: Date: _____												
QC Test Inspector: Date: _____												
QC Final Inspector: Tommy Douzart Date: 07-Jul-05												



Dresser Flow Control, Dresser, Inc.
LA Hwy 3225@US Hwy 167N
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Alexandria, Louisiana 71309-1430

Flow Control

Valve Production Test Record For ASME B&PV Code Section I (V) Safety Valves Test Media: Steam

Reference Information												
Dresser Order No: 22329160		Item No: 002		Serial No: DA04521								
Customer Order No: 21481		Customer Name: NOOTER/ERIKSEN COGEN SYSTEMS INC										
Valve Information												
Inlet Size: 2 1/2" (63.5 MM)		Type/Description: 1737WB-2-S-100-F3-WSC										
Tagging:		TAG: (1) XSGA-PSV-2001B										
Test Information												
Valve Tested to Engineering Instruction PT- 11				Revision: 9		All measurements in PSIG and °F unless noted otherwise						
Required Set Pressure	CDTP	Popping Point	Valve Inlet Pressure	Gauge Serial No	Gauge Calibration Due Date	Lift Assist Device Pressure	Assist Device Gauge No	Gauge Calibration Due Date	Back Pressure Gauge No	Calibration Due Date	Seat Tightness %	Media Temp
1750	0	1750	950	8050625	11-Nov-05	477	8051713	27-Oct-05			94	0
(120.7 BARG)		HydroPlug Installed: ☒		Lift Assist S/N: Y558-2 Calibration Due Date: 15-Jun-06								
Measured Lift: 0.495 Inches		Verified By: Perry Brown		Date: 30-Jun-05								
Blowdown Closing Pressure	Blowdown Demonstrated By Test ☐		Blowdown control settings are required when valve is not tested to demonstrate Blowdown									
			Lower Adjusting Ring Setting: 3 Notches from starting position. Upper Adjusting Ring Setting: 0 Notches from starting position. (N/A indicates no upper adjusting ring.)									
Valves have been tested, including seat tightness, for the conditions checked above, and comply with ASME B&PV Code Test Requirements and the Dresser Engineering Test Instruction listed in this report.												
Customer Representative:										Date: 06-Jul-05		
QC Test Inspector:										Date:		
QC Final Inspector: Tommy Douzart										Date: 07-Jul-05		



Dresser Flow Control, Dresser, Inc.
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Valve Production Test Record
For ASME B&PV Code Section I (V) Safety Valves
Test Media: Steam

Flow Control

Reference Information												
Dresser Order No: 22329160		Item No: 003		Serial No: DA04522								
Customer Order No: 21481		Customer Name: NOOTER/ERIKSEN COGEN SYSTEMS INC										
Valve Information												
Inlet Size: 2" (50.8 MM)		Type/Description: 1727WE-2-S-100-F3-WSC										
Tagging: (1) XSGA-PSV-1002												
Test Information												
Valve Tested to Engineering Instruction PT- 11				Revision: 9		All measurements in PSIG and °F unless noted otherwise						
Required Set Pressure	CDTP	Popping Point	Valve Inlet Pressure	Gauge Serial No	Gauge Calibration Due Date	Lift Assist Device Pressure	Assist Device Gauge No	Gauge Calibration Due Date	Back Pressure Gauge No	Calibration Due Date	Seat Tightness %	Media Temp
1640	0	1650	900	8050625	11-Nov-05	224	8051713	27-Oct-05			94	0
(113.1 BARG)		HydroPlug Installed: ☒			Lift Assist S/N: Y558-2 Calibration Due Date: 15-Jun-06							
Measured Lift: 0.389 Inches		Verified By: Larry Tucker		Date: 01-Aug-05								
Blowdown Closing Pressure	Blowdown Demonstrated By Test ☐		Blowdown control settings are required when valve is not tested to demonstrate Blowdown									
			Lower Adjusting Ring Setting: 3 Notches from starting position. Upper Adjusting Ring Setting: 22D Notches from starting position. (N/A indicates no upper adjusting ring.)									
Valves have been tested, including seat tightness, for the conditions checked above, and comply with ASME B&PV Code Test Requirements and the Dresser Engineering Test Instruction listed in this report.												
Customer Representative:										Date: 03-Aug-05		
QC Test Inspector:										Date:		
QC Final Inspector: Roger Gray										Date: 08-Aug-05		



Dresser Flow Control, Dresser, Inc.
LA Hwy 3225@US Hwy 167N
P. O. Box 1430
Alexandria, Louisiana 71309-1430

Flow Control

Valve Production Test Record

For ASME B&PV Code Section I (V) Safety Valves

Test Media: Steam

Reference Information												
Dresser Order No: 22329160		Item No: 003		Serial No: DA04523								
Customer Order No: 21481		Customer Name: NOOTER/ERIKSEN COGEN SYSTEMS INC										
Valve Information												
Inlet Size: 2" (50.8 MM)		Type/Description: 1727WE-2-S-100-F3-WSC										
Tagging: TAG: (1) XSGA-PSV-2002												
Test Information												
Valve Tested to Engineering Instruction PT- 11				Revision: 9		All measurements in PSIG and °F unless noted otherwise						
Required Set Pressure	CDTP	Popping Point	Valve Inlet Pressure	Gauge Serial No	Gauge Calibration Due Date	Lift Assist Device Pressure	Assist Device Gauge No	Gauge Calibration Due Date	Back Pressure Gauge No	Calibration Due Date	Seat Tightness %	Media Temp
1640	0	1640	900	8050625	11-Nov-05	224	8051713	27-Oct-05			94	0
(113.1 BARG)		HydroPlug Installed: ☐		Lift Assist S/N: Y558-2		Calibration Due Date: 15-Jun-06						
Measured Lift: 0.38 Inches		Verified By: Larry Tucker		Date: 02-Aug-05								
Blowdown Closing Pressure	Blowdown Demonstrated By Test ☐		Blowdown control settings are required when valve is not tested to demonstrate Blowdown									
			Lower Adjusting Ring Setting: 3 Notches from starting position. Upper Adjusting Ring Setting: 22D Notches from starting position. (N/A indicates no upper adjusting ring.)									
Valves have been tested, including seat tightness, for the conditions checked above, and comply with ASME B&PV Code Test Requirements and the Dresser Engineering Test Instruction listed in this report.												
Customer Representative:										Date: 03-Aug-05		
QC Test Inspector:										Date:		
QC Final Inspector: Darryl Richard										Date: 08-Aug-05		



Dresser Flow Control, Dresser, Inc.
LA Hwy 3225@US Hwy 167N
P. O. Box 1430
Alexandria, Louisiana 71309-1430

Valve Production Test Record
For ASME B&PV Code Section I (V) Safety Valves
Test Media: Steam

Flow Control

Reference Information												
Dresser Order No: 22329160		Item No: 004		Serial No: DA04524								
Customer Order No: 21481		Customer Name: NOOTER/ERIKSEN COGEN SYSTEMS INC										
Valve Information												
Inlet Size: 4" (101.6 MM)		Type/Description: 2765B-1-X1-WSC-RL										
Tagging: (1) XSGA-PSV-1003												
Test Information												
Valve Tested to Engineering Instruction PT- 32				Revision: 24		All measurements in PSIG and °F unless noted otherwise						
Required Set Pressure	CDTP	Popping Point	Valve Inlet Pressure	Gauge Serial No	Gauge Calibration Due Date	Lift Assist Device Pressure	Assist Device Gauge No	Gauge Calibration Due Date	Back Pressure Gauge No	Calibration Due Date	Seat Tightness %	Media Temp
365	0	361		8050625	11-Nov-05						94	0
(24.5 BARG)		HydroPlug Installed: ☐		Lift Assist S/N: Calibration Due Date:								
Measured Lift: 0.547 Inches		Verified By: Mike Hastings		Date: 18-Jul-05								
Blowdown Closing Pressure	Blowdown Demonstrated By Test ☐		Blowdown control settings are required when valve is not tested to demonstrate Blowdown									
			Lower Adjusting Ring Setting: 1D Notches from starting position. Upper Adjusting Ring Setting: 25UP Notches from starting position. (N/A indicates no upper adjusting ring.)									
Valves have been tested, including seat tightness, for the conditions checked above, and comply with ASME B&PV Code Test Requirements and the Dresser Engineering Test Instruction listed in this report.												
Tester: John Coco										Date: 18-Jul-05		
Customer Representative:										Date:		
QC Test Inspector:										Date:		
QC Final Inspector: Tommy Douzart										Date: 19-Jul-05		



Dresser Flow Control, Dresser, Inc.
LA Hwy 3225@US Hwy 167N
P. O. Box 1430
Alexandria, Louisiana 71309-1430

Valve Production Test Record
For ASME B&PV Code Section I (V) Safety Valves
Test Media: Steam

Flow Control

Reference Information													
Dresser Order No: 22329160		Item No: 004		Serial No: DA04525									
Customer Order No: 21481		Customer Name: NOOTER/ERIKSEN COGEN SYSTEMS INC											
Valve Information													
Inlet Size: 4" (101.6 MM)		Type/Description: 2765B-1-X1-WSC-RL											
Tagging: TAG: (1) XSGA-PSV-2003													
Test Information													
Valve Tested to Engineering Instruction PT- 32				Revision: 24		All measurements in PSIG and °F unless noted otherwise							
Required Set Pressure	CDTP	Popping Point	Valve Inlet Pressure	Gauge Serial No	Gauge Calibration Due Date	Lift Assist Device Pressure	Assist Device Gauge No	Gauge Calibration Due Date	Back Pressure Gauge No	Calibration Due Date	Seat Tightness %	Media Temp	
355	0	357		8050625	11-Nov-05						94	0	
(24.5 BARG)		HydroPlug Installed: ☐		Lift Assist S/N: Calibration Due Date:									
Measured Lift: 0.548 Inches		Verified By: Mike Hastings		Date: 18-Jul-05									
Blowdown Closing Pressure	Blowdown Demonstrated By Test ☐		Blowdown control settings are required when valve is not tested to demonstrate Blowdown										
				Lower Adjusting Ring Setting: 1D Notches from starting position. Upper Adjusting Ring Setting: 25UP Notches from starting position. (N/A indicates no upper adjusting ring.)									
Valves have been tested, including seat tightness, for the conditions checked above, and comply with ASME B&PV Code Test Requirements and the Dresser Engineering Test Instruction listed in this report.													
Tester: John Coco Date: 18-Jul-05													
Customer Representative: Date:													
QC Test Inspector: Date:													
QC Final Inspector: Tommy Douzart Date: 19-Jul-05													



Dresser Flow Control, Dresser, Inc.
LA Hwy 3225@US Hwy 167N
P. O. Box 1430
Alexandria, Louisiana 71309-1430

Valve Production Test Record
For ASME B&PV Code Section I (V) Safety Valves
Test Media: Steam

Flow Control

Reference Information													
Dresser Order No: 22329160			Item No: 005		Serial No: DA04526								
Customer Order No: 21481			Customer Name: NOOTER/ERIKSEN COGEN SYSTEMS INC										
Valve Information													
Inlet Size: 3" (76.2 MM)			Type/Description: 2745B-1-X1-WSC-RL										
Tagging: (1) XSGA-PSV-1004													
Test Information													
Valve Tested to Engineering Instruction PT- 32				Revision: 24		All measurements in PSIG and °F unless noted otherwise							
Required Set Pressure	CDTP	Popping Point	Valve Inlet Pressure	Gauge Serial No	Gauge Calibration Due Date	Lift Assist Device Pressure	Assist Device Gauge No	Gauge Calibration Due Date	Back Pressure Gauge No	Calibration Due Date	Seat Tightness %	Media Temp	
320	326	327		8050625	11-Nov-05						94	0	
(22.1 BARG)				HydroPlug Installed: ☐		Lift Assist S/N:		Calibration Due Date:					
Measured Lift: 0.535 Inches			Verified By: Jeff Willis			Date: 27-Jun-05							
Blowdown Closing Pressure	Blowdown Demonstrated By Test ☐		Blowdown control settings are required when valve is not tested to demonstrate Blowdown										
				Lower Adjusting Ring Setting: 1 Notches from starting position. Upper Adjusting Ring Setting: 9UP Notches from starting position. (N/A indicates no upper adjusting ring.)									
Valves have been tested, including seat tightness, for the conditions checked above, and comply with ASME B&PV Code Test Requirements and the Dresser Engineering Test Instruction listed in this report.													
Customer Representative:										Date: 28-Jun-05			
QC Test Inspector:										Date:			
QC Final Inspector: Roger Gray										Date: 29-Jun-05			



Dresser Flow Control, Dresser, Inc.
LA Hwy 3225@US Hwy 167N
P. O. Box 1430
Alexandria, Louisiana 71309-1430

Flow Control

Valve Production Test Record For ASME B&PV Code Section I (V) Safety Valves Test Media: Steam

Reference Information												
Dresser Order No: 22329160		Item No: 005		Serial No: DA04527								
Customer Order No: 21481		Customer Name: NOOTER/ERIKSEN COGEN SYSTEMS INC										
Valve Information												
Inlet Size: 3" (76.2 MM)		Type/Description: 2745B-1-X1-WSC-RL										
Tagging:		TAG: (1) XSGA-PSV-2004										
Test Information												
Valve Tested to Engineering Instruction PT- 32				Revision: 24		All measurements in PSIG and °F unless noted otherwise						
Required Set Pressure	CDTP	Popping Point	Valve Inlet Pressure	Gauge Serial No	Gauge Calibration Due Date	Lift Assist Device Pressure	Assist Device Gauge No	Gauge Calibration Due Date	Back Pressure Gauge No	Calibration Due Date	Seat Tightness %	Media Temp
320	326	331		8050625	11-Nov-05						94	0
(22.1 BARG)		(22.5 BARG)		HydroPlug Installed: ☐		Lift Assist S/N:		Calibration Due Date:				
Measured Lift: 0.532 Inches		Verified By: Jeff Willis		Date: 27-Jun-05								
Blowdown Closing Pressure	Blowdown Demonstrated		Blowdown control settings are required when valve is not tested to demonstrate Blowdown									
	By Test ☐		Lower Adjusting Ring Setting: 1 Notches from starting position. Upper Adjusting Ring Setting: 9UP Notches from starting position. (N/A indicates no upper adjusting ring.)									
Valves have been tested, including seat tightness, for the conditions checked above, and comply with ASME B&PV Code Test Requirements and the Dresser Engineering Test Instruction listed in this report.												
Tester: John Coco										Date: 28-Jun-05		
Customer Representative:										Date:		
QC Test Inspector:										Date:		
QC Final Inspector: Darryl Richard										Date: 29-Jun-05		



Dresser Flow Control, Dresser, Inc.
LA Hwy 3225@US Hwy 167N
P. O. Box 1430
Alexandria, Louisiana 71309-1430

Valve Production Test Record
For ASME B&PV Code Section I (V) Safety Valves
Test Media: Steam

Flow Control

Reference Information												
Dresser Order No: 22329160		Item No: 006		Serial No: DA04528								
Customer Order No: 21481		Customer Name: NOOTER/ERIKSEN COGEN SYSTEMS INC										
Valve Information												
Inlet Size: 3" (76.2 MM)		Type/Description: 1811MB-0-3X1-22-WSC										
Tagging: (1) XSGA-PSV-1005A												
Test Information												
Valve Tested to Engineering Instruction PT- 2				Revision: 21		All measurements in PSIG and °F unless noted otherwise						
Required Set Pressure	CDTP	Popping Point	Valve Inlet Pressure	Gauge Serial No	Gauge Calibration Due Date	Lift Assist Device Pressure	Assist Device Gauge No	Gauge Calibration Due Date	Back Pressure Gauge No	Calibration Due Date	Seat Tightness %	Media Temp
150	0	150		8050626	14-Jan-06						94	0
(10.3 BARG)			HydroPlug Installed: ☐			Lift Assist S/N: Calibration Due Date:						
Measured Lift: 0.749 Inches		Verified By: Jimmy Pharis		Date: 19-Jul-05								
Blowdown Closing Pressure	Blowdown Demonstrated By Test	Blowdown control settings are required when valve is not tested to demonstrate Blowdown										
	☐	Lower Adjusting Ring Setting: 12 Notches from starting position. Upper Adjusting Ring Setting: 80 Notches from starting position. (N/A indicates no upper adjusting ring.)										
Valves have been tested, including seat tightness, for the conditions checked above, and comply with ASME B&PV Code Test Requirements and the Dresser Engineering Test Instruction listed in this report.												
Tester: Daniel Brown											Date: 20-Jul-05	
Customer Representative:											Date:	
QC Test Inspector:											Date:	
QC Final Inspector: Tommy Douzart											Date: 08-Aug-05	



Dresser Flow Control, Dresser, Inc.
LA Hwy 3225@US Hwy 167N
P. O. Box 1430
Alexandria, Louisiana 71309-1430

Flow Control

Valve Production Test Record For ASME B&PV Code Section I (V) Safety Valves Test Media: Steam

Reference Information												
Dresser Order No: 22329160		Item No: 006		Serial No: DA04529								
Customer Order No: 21481		Customer Name: NOOTER/ERIKSEN COGEN SYSTEMS INC										
Valve Information												
Inlet Size: 3" (76.2 MM)		Type/Description: 1811MB-0-3X1-22-WSC										
Tagging:		TAG: (1) XSGA-PSV-2005A										
Test Information												
Valve Tested to Engineering Instruction PT- 2				Revision: 21		All measurements in PSIG and °F unless noted otherwise						
Required Set Pressure	CDTP	Popping Point	Valve Inlet Pressure	Gauge Serial No	Gauge Calibration Due Date	Lift Assist Device Pressure	Assist Device Gauge No	Gauge Calibration Due Date	Back Pressure Gauge No	Calibration Due Date	Seat Tightness %	Media Temp
150	0	150		8050626	14-Jan-06						94	0
(10.3 BARg)		HydroPlug Installed: ☐		Lift Assist S/N: Calibration Due Date:								
Measured Lift: 0.856 Inches		Verified By: Jimmy Pharis		Date: 19-Jul-05								
Blowdown Closing Pressure	Blowdown Demonstrated By Test ☐		Blowdown control settings are required when valve is not tested to demonstrate Blowdown									
			Lower Adjusting Ring Setting: 9 Notches from starting position. Upper Adjusting Ring Setting: 60 Notches from starting position. (N/A indicates no upper adjusting ring.)									
Valves have been tested, including seat tightness, for the conditions checked above, and comply with ASME B&PV Code Test Requirements and the Dresser Engineering Test Instruction listed in this report.												
Tester: Daniel Brown												Date: 23-Jul-05
Customer Representative:												Date:
QC Test Inspector:												Date:
QC Final Inspector: Tommy Douzart												Date: 08-Aug-05



Dresser Flow Control, Dresser, Inc.
LA Hwy 3225@US Hwy 167N
P. O. Box 1430
Alexandria, Louisiana 71309-1430

Valve Production Test Record
For ASME B&PV Code Section I (V) Safety Valves
Test Media: Steam

Flow Control

Reference Information												
Dresser Order No: 22329160		Item No: 007		Serial No: DA04530								
Customer Order No: 21481		Customer Name: NOOTER/ERIKSEN COGEN SYSTEMS INC										
Valve Information												
Inlet Size: 4" (101.6 MM)		Type/Description: 1811PB-0-3X1-22-WSC										
Tagging: (1) XSGA-PSV-1005B												
Test Information												
Valve Tested to Engineering Instruction PT- 2				Revision: 21		All measurements in PSIG and °F unless noted otherwise						
Required Set Pressure	CDTP	Popping Point	Valve Inlet Pressure	Gauge Serial No	Gauge Calibration Due Date	Lift Assist Device Pressure	Assist Device Gauge No	Gauge Calibration Due Date	Back Pressure Gauge No	Calibration Due Date	Seat Tightness %	Media Temp
154	0	155		8050626	14-Jul-05						94	0
(10.6 BARG)		HydroPlug Installed: ☐		Lift Assist S/N: Calibration Due Date:								
Measured Lift: 0.808 Inches		Verified By: Perry Brown		Date: 30-Jun-05								
Blowdown Closing Pressure	Blowdown Demonstrated By Test ☐		Blowdown control settings are required when valve is not tested to demonstrate Blowdown Lower Adjusting Ring Setting: 12 Notches from starting position. Upper Adjusting Ring Setting: 70 Notches from starting position. (N/A indicates no upper adjusting ring.)									
	NA											
Valves have been tested, including seat tightness, for the conditions checked above, and comply with ASME B&PV Code Test Requirements and the Dresser Engineering Test Instruction listed in this report.												
Tester: Daniel Brown										Date: 01-Jul-05		
Customer Representative:										Date:		
QC Test Inspector:										Date:		
QC Final Inspector: Tommy Douzart										Date: 05-Jul-05		



Dresser Flow Control, Dresser, Inc.
LA Hwy 3225@US Hwy 167N
P. O. Box 1430
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Valve Production Test Record
For ASME B&PV Code Section I (V) Safety Valves
Test Media: Steam

Flow Control

Reference Information												
Dresser Order No: 22329160		Item No: 007		Serial No: DA04531								
Customer Order No: 21481		Customer Name: NOOTER/ERIKSEN COGEN SYSTEMS INC										
Valve Information												
Inlet Size: 4" (101.6 MM)		Type/Description: 1811PB-0-3X1-22-WSC										
Tagging:		TAG: (1) XSGA-PSV-2005B										
Test Information												
Valve Tested to Engineering Instruction PT- 2				Revision: 21		All measurements in PSIG and °F unless noted otherwise						
Required Set Pressure	CDTP	Popping Point	Valve Inlet Pressure	Gauge Serial No	Gauge Calibration Due Date	Lift Assist Device Pressure	Assist Device Gauge No	Gauge Calibration Due Date	Back Pressure Gauge No	Calibration Due Date	Seat Tightness %	Media Temp
154	0	154		8050626	14-Jul-05						94	0
(10.6 BARG)		HydroPlug Installed: ☐		Lift Assist S/N: Calibration Due Date:								
Measured Lift: 0.818 Inches		Verified By: Perry Brown		Date: 30-Jun-05								
Blowdown Closing Pressure	Blowdown Demonstrated By Test	Blowdown control settings are required when valve is not tested to demonstrate Blowdown										
	☐	Lower Adjusting Ring Setting: 9 Notches from starting position.										
		Upper Adjusting Ring Setting: 80 Notches from starting position.										
NA		(N/A indicates no upper adjusting ring.)										
Valves have been tested, including seat tightness, for the conditions checked above, and comply with ASME B&PV Code Test Requirements and the Dresser Engineering Test Instruction listed in this report.												
Tester: Daniel Brown Date: 01-Jul-05												
Customer Representative: Date:												
QC Test Inspector: Date:												
QC Final Inspector: Tommy Douzart Date: 05-Jul-05												

TO: BRIAN FELDT

SAMRA
042300

CERTIFICATE OF CONFORMANCE

XSGA-RV-X001
XSGA-RV-X002
XSGA-RV-X003

Suzanne Grueninger
September 26, 2005



-CERTIFICATE OF COMPLIANCE/CONFORMANCE-

NOOTER/ERIKSEN COGEN SYSTEMS INC
1509 OCELLO DRIVE

FENTON MO 63026

SUBJECT: YOUR ORDER NUMBER: 21728
DRESSER ORDER NUMBER: 15357110

GENTLEMEN:

WE HEREBY CERTIFY THAT THE FOLLOWING LISTED VALVES AND/OR PARTS FURNISHED ON THE ABOVE ORDER HAVE BEEN MANUFACTURED, INSPECTED AND ACCEPTED IN ACCORDANCE WITH DRESSER'S ENGINEERING, DESIGN, AND MATERIAL REQUIREMENT. THIS ORDER HAS BEEN PROCESSED WITHIN THE CONTROLS OF THE DRESSER VALVE DIVISION, ALEXANDRIA, LOUISIANA FACILITY QUALITY SYSTEM FOR THE DESIGN CONTROL, DEVELOPMENT AND MANUFACTURE OF CONSOLIDATED RELIEF VALVES IN ACCORDANCE WITH ASME B&PV CODE SECTIONS I, & VIII, DIV.1 AND ISO9001.

DRESSER ITEM NO: 001
SIZE: 1 1/2"
DESC: 1916-00D-P1-5-CC-33-RF-SS
QUANTITY: 2
SERIAL NO: TP25939, TP25940
ST. ST. TAG RIVETED TO VALVE: XSGA-RV-X001
NOTE: SAME TAG # FOR QTY OF 2
CAPACITY: 10469 LB/HR STEAM AT 3% OVER PRESSURE
SET @ 1770 PSIG

WE CERTIFY THAT THE VALVE CONFORMS TO THE APPLICABLE RULES OF ASME B&PV CODE SECTION I.

VALVE COMPONENTS HYDROSTATICALLY TESTED PER HY-28 AT THE MINIMUM PRESSURE RANGES LISTED - NO LEAKAGE.

BASE & BONNET - 1125 TO 1175 PSIG

VALVE FUNCTIONALLY TESTED PER PT-7

***** ORDER 15357110 CONTINUED *****

PAGE: 1

bsg 9/26/05
Smeth 042300

Dresser, Inc.

LA Hwy. 3225 @ US Hwy. 167N • Alexandria, Louisiana 71309-1430 • Ph. 318/640-2250 • Fax 318/640-6222 • www.dresser.com

BECKER • CONSOLIDATED • GROVE • LEDEEN • MASONEILAN • NIL-COR • TEXSTEAM • TK VALVE • TOM WHEATLEY • WHEATLEY

NOOTER/ERIKSEN COGEN SYSTEMS INC
YOUR ORDER NUMBER: 21728
DRESSER ORDER NUMBER: 15357110

DRESSER ITEM NO: 002
SIZE: 1"
DESC: 1912-00D-P1-5-CC*-33-RF-SS
QUANTITY: 2
SERIAL NO: TP25943,TP25944
ST. ST. TAG RIVETED TO VALVE: XSGA-RV-X002
NOTE: SAME TAG # FOR QTY OF 2
CAPACITY: 4127 LB/HR STEAM AT 3% OVER PRESSURE
SET @ 700 PSIG

WE CERTIFY THAT THE VALVE CONFORMS TO THE APPLICABLE RULES OF
ASME B&PV CODE SECTION I.

VALVE COMPONENTS HYDROSTATICALLY TESTED PER HY-28 AT THE MINIMUM
PRESSURE RANGES LISTED - NO LEAKAGE.

BASE & BONNET - 450 TO 475 PSIG

VALVE FUNCTIONALLY TESTED PER PT-7 .

CUSTOMER ITEM NO. : 3
DRESSER ITEM NO: 003
SIZE: 1"
DESC: 1910-00D-P1-5-CC-33-RF-SS
QUANTITY: 2
SERIAL NO: TP25945,TP25946
ST. ST. TAG RIVETED TO VALVE: XSGA-RV-X003
NOTE: SAME TAG # FOR QTY 2
CAPACITY: 2682 LB/HR STEAM AT 3% OVER PRESSURE
SET @ 450 PSIG

WE CERTIFY THAT THE VALVE CONFORMS TO THE APPLICABLE RULES OF
ASME B&PV CODE SECTION I.

VALVE COMPONENTS HYDROSTATICALLY TESTED PER HY-28 AT THE MINIMUM
PRESSURE RANGES LISTED - NO LEAKAGE.

BASE & BONNET - 450 TO 475 PSIG
NOZZLE - 5625 TO 5900 PSIG

VALVE FUNCTIONALLY TESTED PER PT-7 .

VERY TRULY YOURS,



M.D. BENJAMIN
QUALITY SYSTEMS DOCUMENTATION SPECIALIST

9/12/05
DATE

bsg 9/26/05
SANTA 042300



Dresser Flow Control, Dresser, Inc.
LA Hwy 3225@US Hwy 167N
P. O. Box 1430
Alexandria, Louisiana 71309-1430

Valve Production Test Record
For ASME B&PV Code Section I (V) Safety Valves
Test Media: Steam

Flow Control

Reference Information														
Dresser Order No: 15357110		Item No: 001		Serial No: TP25939										
Customer Order No: 21728		Customer Name: NOOTER/ERIKSEN COGEN SYSTEMS INC												
Valve Information														
Inlet Size: 1 1/2"		Type/Description: 1916-00D-P1-5-CC-33-RF-SS												
Tagging: XSGA-RV-X001														
Test Information														
Valve Tested to Engineering Instruction PT- 105				Revision: 2		All measurements in PSIG and °F unless noted otherwise								
Required Set Pressure	CDTP	Popping Point	Valve Inlet Pressure	Gauge Serial No	Gauge Calibration Due Date	Lift Assist Device Pressure	Assist Device Gauge No	Gauge Calibration Due Date	Back Pressure Gauge No	Calibration Due Date	Seat Tightness %	Media Temp		
1770	0	1772	1300	8050625	11-Nov-05	308	N/A		30	8050782	31-Aug-05	90	0	
				HydroPlug Installed: ☐		Lift Assist S/N: 206144		Calibration Due Date: 21-Jan-06						
Measured Lift: 0.09 Inches		Verified By: Webster Gauthier		Date: 03-Jul-05										
Blowdown Closing Pressure	Blowdown Demonstrated By Test ☐		Blowdown control settings are required when valve is not tested to demonstrate Blowdown											
				Lower Adjusting Ring Setting: 6D Notches from starting position.										
				Upper Adjusting Ring Setting: Notches from starting position.										
				(N/A indicates no upper adjusting ring.)										
Valves have been tested, including seat tightness, for the conditions checked above, and comply with ASME B&PV Code Test Requirements and the Dresser Engineering Test Instruction listed in this report.														
Tester: Danny Winn												Date: 19-Aug-05		
Customer Representative:												Date:		
QC Test Inspector:												Date:		
QC Final Inspector: Tommy Douzart												Date: 19-Aug-05		



Dresser Flow Control, Dresser, Inc.
LA Hwy 3225@US Hwy 167N
P. O. Box 1430
Alexandria, Louisiana 71309-1430

Valve Production Test Record
For ASME B&PV Code Section I (V) Safety Valves
Test Media: Steam

Flow Control

Reference Information	
Dresser Order No: 15357110	Item No: 001
Customer Order No: 21728	Serial No: TP25940
Customer Name: NOOTER/ERIKSEN COGEN SYSTEMS INC	
Valve Information	
Inlet Size: 1 1/2"	Type/Description: 1916-00D-P1-5-CC-33-RF-SS
Tagging: NOTE: SAME TAG # FOR QTY OF 2	

Test Information													
Valve Tested to Engineering Instruction PT- 7	Revision: 58												
<i>All measurements in PSIG and °F unless noted otherwise</i>													
Required Set Pressure	CDTP	Popping Point	Valve Inlet Pressure	Gauge Serial No	Gauge Calibration Due Date	Lift Assist Device Pressure	Assist Device Gauge No	Gauge Calibration Due Date	Back Pressure	Back Pressure Gauge No	Calibration Due Date	Seat Tightness %	Media Temp
1770	0	1770	1300	8050625	11-Nov-05	308			30	8050782	31-Aug-05	90	0
HydroPlug Installed: ☐													
Lift Assist S/N: 206144 Calibration Due Date: 21-Jan-06													

Measured Lift: 0.088 Inches	Verified By: Webster Gauthier	Date: 11-Jul-05
Blowdown Closing Pressure	Blowdown Demonstrated By Test ☐	Blowdown control settings are required when valve is not tested to demonstrate Blowdown
	Lower Adjusting Ring Setting: 8	Notches from starting position.
	Upper Adjusting Ring Setting: ☐	Notches from starting position.
	(N/A indicates no upper adjusting ring.)	

Valves have been tested, including seat tightness, for the conditions checked above, and comply with ASME B&PV Code Test Requirements and the Dresser Engineering Test Instruction listed in this report.

Tester: John Coco Date: 29-Jul-05

Customer Representative: Date: _____

QC Test Inspector: Date: _____

QC Final Inspector: Tommy Douzart Date: 30-Jul-05



Dresser Flow Control, Dresser, Inc.
LA Hwy 3225@US Hwy 167N
P. O. Box 1430
Alexandria, Louisiana 71309-1430

Valve Production Test Record
For ASME B&PV Code Section I (V) Safety Valves
Test Media: Steam

Flow Control

Reference Information													
Dresser Order No: 15357110		Item No: 002		Serial No: TP25943									
Customer Order No: 21728		Customer Name: NOOTER/ERIKSEN COGEN SYSTEMS INC.											
Valve Information													
Inlet Size: 1"		Type/Description: 1912-00D-P1-5-CC*-33-RF-SS											
Tagging: XSGA-RV-X002													
Test Information													
Valve Tested to Engineering Instruction PT- 7				Revision: 59		All measurements in PSIG and °F unless noted otherwise							
Required Set Pressure	CDTP	Popping Point	Valve Inlet Pressure	Gauge Serial No	Gauge Calibration Due Date	Lift Assist Device Pressure	Assist Device Gauge No	Gauge Calibration Due Date	Back Pressure Gauge No	Calibration Due Date	Seat Tightness %	Media Temp	
700	0	702		8050626	14-Jan-06				30	8050782	31-Aug-05	90	0
				HydroPlug Installed: ☐		Lift Assist S/N:		Calibration Due Date:					
Measured Lift: 0.086 Inches		Verified By: Randall Harkins		Date: 28-Jul-05									
Blowdown Closing Pressure	Blowdown Demonstrated By Test ☐		Blowdown control settings are required when valve is not tested to demonstrate Blowdown										
			Lower Adjusting Ring Setting: 6 Notches from starting position. Upper Adjusting Ring Setting: NA Notches from starting position. (N/A indicates no upper adjusting ring.)										
670													
Valves have been tested, including seat tightness, for the conditions checked above, and comply with ASME B&PV Code Test Requirements and the Dresser Engineering Test Instruction listed in this report.													
Tester: Daniel Brown Date: 19-Aug-05													
Customer Representative: Date:													
QC Test Inspector: Date:													
QC Final Inspector: Tommy Douzart Date: 19-Aug-05													



Dresser Flow Control, Dresser, Inc.
LA Hwy 3225@US Hwy 167N
P. O. Box 1430
Alexandria, Louisiana 71309-1430

Valve Production Test Record
For ASME B&PV Code Section I (V) Safety Valves
Test Media: Steam

Flow Control

Reference Information													
Dresser Order No: 15357110		Item No: 002		Serial No: TP25944									
Customer Order No: 21728		Customer Name: NOOTER/ERIKSEN COGEN SYSTEMS INC											
Valve Information													
Inlet Size: 1"		Type/Description: 1912-00D-P1-5-CC*-33-RF-SS											
Tagging: NOTE: SAME TAG # FOR QTY OF 2													
Test Information													
Valve Tested to Engineering Instruction PT- 7				Revision: 59		All measurements in PSIG and °F unless noted otherwise							
Required Set Pressure	CDTP	Popping Point	Valve Inlet Pressure	Gauge Serial No	Gauge Calibration Due Date	Lift Assist Device Pressure	Assist Device Gauge No	Gauge Calibration Due Date	Back Pressure Gauge No	Calibration Due Date	Seat Tightness %	Media Temp	
700	0	702		8050626	14-Jan-06				30	8050782	31-Aug-05	90	0
				HydroPlug Installed: ☐		Lift Assist S/N:		Calibration Due Date:					
Measured Lift: 0.086 Inches		Verified By: Randall Harkins		Date: 28-Jul-05									
Blowdown Closing Pressure	Blowdown Demonstrated By Test ☐		Blowdown control settings are required when valve is not tested to demonstrate Blowdown										
			Lower Adjusting Ring Setting: 6 Notches from starting position. Upper Adjusting Ring Setting: NA Notches from starting position. (N/A indicates no upper adjusting ring.)										
675													
Valves have been tested, including seat tightness, for the conditions checked above, and comply with ASME B&PV Code Test Requirements and the Dresser Engineering Test Instruction listed in this report.													
Tester: Daniel Brown												Date: 19-Aug-05	
Customer Representative:												Date:	
QC Test Inspector:												Date:	
QC Final Inspector: Tommy Douzart												Date: 19-Aug-05	



Dresser Flow Control, Dresser, Inc.
LA Hwy 3225@US Hwy 167N
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Alexandria, Louisiana 71309-1430

Flow Control

Valve Production Test Record For ASME B&PV Code Section I (V) Safety Valves Test Media: Steam

Reference Information												
Dresser Order No: 15357110		Item No: 003		Serial No: TP25945								
Customer Order No: 21728		Customer Name: NOOTER/ERIKSEN COGEN SYSTEMS INC										
Valve Information												
Inlet Size: 1"		Type/Description: 1910-00D-P1-5-CC-33-RF-SS										
Tagging: XSGA-RV-X003												
Test Information												
Valve Tested to Engineering Instruction PT- 7				Revision: 58		All measurements in PSIG and °F unless noted otherwise						
Required Set Pressure	CDTP	Popping Point	Valve Inlet Pressure	Gauge Serial No	Gauge Calibration Due Date	Lift Assist Device Pressure	Assist Device Gauge No	Gauge Calibration Due Date	Back Pressure Gauge No	Calibration Due Date	Seat Tightness %	Media Temp
450	0	451		8050626	14-Jan-06				30	8050782	94	0
				HydroPlug Installed: ☐		Lift Assist S/N:		Calibration Due Date:				
Measured Lift: 0.089 Inches		Verified By: David Ramos		Date: 27-Jul-05								
Blowdown Closing Pressure	Blowdown Demonstrated By Test ☐		Blowdown control settings are required when valve is not tested to demonstrate Blowdown									
			Lower Adjusting Ring Setting: 6 Notches from starting position. Upper Adjusting Ring Setting: Notches from starting position. (N/A indicates no upper adjusting ring.)									
357												
Valves have been tested, including seat tightness, for the conditions checked above, and comply with ASME B&PV Code Test Requirements and the Dresser Engineering Test Instruction listed in this report.												
Tester: Marty Firmin												
Customer Representative: _____ Date: 28-Jul-05												
QC Test Inspector: _____ Date: _____												
QC Final Inspector: Roger Gray _____ Date: 01-Aug-05												



Dresser Flow Control, Dresser, Inc.
LA Hwy 3225@US Hwy 167N
P. O. Box 1430
Alexandria, Louisiana 71309-1430

Flow Control

Valve Production Test Record For ASME B&PV Code Section I (V) Safety Valves Test Media: Steam

Reference Information													
Dresser Order No: 15357110		Item No: 003		Serial No: TP25946									
Customer Order No: 21728		Customer Name: NOOTER/ERIKSEN COGEN SYSTEMS INC											
Valve Information													
Inlet Size: 1"		Type/Description: 1910-00D-P1-5-CC-33-RF-SS											
Tagging: NOTE: SAME TAG # FOR QTY 2													
Test Information													
Valve Tested to Engineering Instruction PT- 7				Revision: 58		All measurements in PSIG and °F unless noted otherwise							
Required Set Pressure	CDTP	Popping Point	Valve Inlet Pressure	Gauge Serial No	Gauge Calibration Due Date	Lift Assist Device Pressure	Assist Device Gauge No	Gauge Calibration Due Date	Back Pressure Gauge No	Calibration Due Date	Seat Tightness %	Media Temp	
450	0	451		8050626	14-Jan-06				30	8050782	31-Aug-05	94	0
				HydroPlug Installed: ☐		Lift Assist S/N:		Calibration Due Date:					
Measured Lift: 0.088 Inches				Verified By: David Ramos		Date: 27-Jul-05							
Blowdown Closing Pressure	Blowdown Demonstrated By Test		Blowdown control settings are required when valve is not tested to demonstrate Blowdown										
	☐		Lower Adjusting Ring Setting: 6 Notches from starting position. Upper Adjusting Ring Setting: Notches from starting position. (N/A indicates no upper adjusting ring.)										
Valves have been tested, including seat tightness, for the conditions checked above, and comply with ASME B&PV Code Test Requirements and the Dresser Engineering Test Instruction listed in this report.													
Tester: Marty Firmin Date: 28-Jul-05													
Customer Representative: Date:													
QC Test Inspector: Date:													
QC Final Inspector: Roger Gray Date: 01-Aug-05													