

Bal Tech, Inc

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Specialists in BALancing TECHnology of Environmental Systems
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CERTIFIED TEST REPORT

52" DIAMETER E-Z FLANGE CONNECTOR
with BARREL CLAMP
POSITIVE PRESSURE LEAK TEST

File Number
5846

prepared for

SHEET METAL CONNECTORS
5850 MAIN Street East
Minneapolis, MN
TEL.# 800-328-1966
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Prepared by:
Michael Lawrence Lancette
Certified TAB Supervisor
National Environmental Balancing Bureau
NEBB Certification No. - 2483

11-26-2001

CERTIFICATION

**PROJECT: 52" DIAMETER E-Z FLANGE CONNECTOR
with BARREL CLAMP
POSITIVE PRESSURE LEAK TEST**

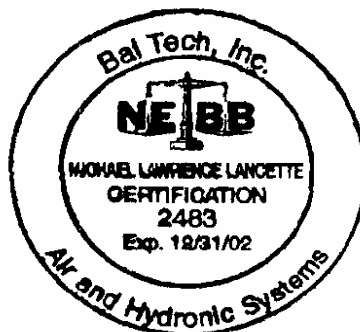
**THE DATA PRESENTED IN THIS REPORT IS AN EXACT RECORD OF SYSTEM
PERFORMANCE AND WAS OBTAINED IN ACCORDANCE WITH NEBB STANDARD
PROCEDURES. ANY VARIANCES FROM DESIGN QUANTITIES WHICH EXCEED
NEBB TOLERANCES ARE NOTED THROUGH OUT THIS REPORT.**

**THE DISTRIBUTIONS SYSTEMS HAVE BEEN TESTED, BALANCED AND FINAL
ADJUSTMENTS HAVE BEEN MADE IN ACCORDANCE WITH NEBB
PROCEDURAL STANDARDS FOR TESTING - ADJUSTING - BALANCING OF
ENVIRONMENTAL SYSTEMS AND THE PROJECT SPECIFICATIONS.**

SUBMITTED & CERTIFIED BY:

**NEBB FIRM: BAL TECH, INC.
SUPERVISOR: MICHAEL LAWRENCE LANCETTE
REG. NO.: 2483
DATE: 11-26-2001**

**NEBB
CERTIFICATION
SEAL**



Bal Tech, Inc.
Project Name:
Project Location:
BTI File Number:

E-Z Flange Leak Test
Minneapolis, MN
5846

Air Leakage Test
52"Duct- 3.0" w.c.

Flow Leakage Test	
Test date:	#####
Size / Type:	52" DIAMETER GALV. SPIRAL PIPE
Traverse Joint: / Quantity	E-Z FLANGE / 5
Leakage class per SMACNA leakage classification:	6
Seal class per SMACNA leakage classification:	B
Total duct surface area of the subject duct: Sq. Ft.:	529
Percent of the total system tested:	100%
Allowable Leakage (C.F.M./100 SQ. FT.)	10.4
Allowable Leakage CFM (Test section)	55.02
Calibrated Tube Number:	1029
Tube size:	4"
Pressure "W.G. Test duct::	3.27
Pressure "W.G. Across orifice:	0.0013
Actual leakage C.F.M.: (Test Section)	1.201
Performed By:	Michael Lancette

Bal Tech, Inc.
Project Name:
Project Location:
BTI File Number:

E-Z Flange Leak Test
Minneapolis, MN
5846

Air Leakage Test
52"Duct- 6.0" w.c.

Flow Leakage Test	
Test date:	#####
Size / Type:	52" DIAMETER GALV. SPIRAL PIPE
Traverse Joint: / Quantity	E-Z FLANGE / 5
Leakage class per SMACNA leakage classification:	3
Seal class per SMACNA leakage classification:	A
Total duct surface area of the subject duct: Sq. Ft.:	529
Percent of the total system tested:	100%
Allowable Leakage (C.F.M./100 SQ. FT.)	9.6
Allowable Leakage CFM (Test section)	50.78
Calibrated Tube Number:	1029
Tube size:	4"
Pressure "W.G. Test duct::	6.12
Pressure "W.G. Across orifice:	0.0067
Actual leakage C.F.M.: (Test Section)	2.726
Performed By:	Michael Lancette

Bal Tech, Inc.
 Project Name: E-Z Flange Leak Test
 Project Location: Minneapolis, MN
 BTI File Number: 5846

Air Leakage Test
 52"- 10.0" W.C.

Flow Leakage Test	
Test date:	#####
Size / Type:	52" DIAMETER GALV. SPIRAL PIPE
Traverse Joint: / Quantity	E-Z FLANGE / 5
Leakage class per SMACNA leakage classification:	3
Seal class per SMACNA leakage classification:	A
Total duct surface area of the subject duct: Sq. Ft.:	529
Percent of the total system tested:	100%
Allowable Leakage (C.F.M./100 SQ. FT.)	13.4
Allowable Leakage CFM (Test section)	70.89
Calibrated Tube Number:	1029
Tube size:	4"
Pressure "W.G. Test duct::	10.28
Pressure "W.G. Across orifice:	0.0171
Actual leakage C.F.M.: (Test Section)	4.355
Performed By:	Michael Lancette