

ULTRASONIC TEST REPORT

Date: **May 11, 2016**

Report: **012**

Client: **S. W. Cole Engineering, Inc.**

Transducer: **70 degree 2.25 mhz**

Project: **Park Danforth 14-0065.2**

Ultrasonic Unit: **Olympus Epoch 600**

Address: **Portland, ME**

Test Method Standard: **AWS D1.1**

Welding contractor: **Davis Erector Group**

Acceptance Standard: **AWS D1.1 table 6.2**

Description of Joint: **Butt**

Material: **ASTM A992**

Weld Identification:	Acceptable	Rejectable	Transducer Angle	From Face	Leg 1-2-3	Indication Level				Defect			Distance	
						A	B	C	D	Length	Angular Distance (sound path)	Depth from "A" surface	"X"	"Y"
Moment Conn High Roof														
F/7	X		70	A	1-3		62							
E/6.5	X													
E/7	X													
Moment Conn.s Roof														
A.3/5	X		70	A	1-3		62							
B/5	X													
B.3/5	X													

Remarks: **Both top and bottom flanges were tested on the connections listed above. All connections at each location listed above were tested.**