

PRICE SCHEDULE	<u>P & B TESTING, INC.</u> Destructive and Nondestructive Testing	Revision: 5 Effective Date: 7/15/2008
---------------------------	---	--

PRICE SCHEDULE

FOR

METALLURGICAL

AND

NDE SERVICES

PRICE SCHEDULE	<u>P & B TESTING, INC.</u> Destructive and Nondestructive Testing	Revision: 5 Effective Date: 7/15/2008
---------------------------	---	--

TABLE OF CONTENTS

PHONE CONTACTS	3
TENSILE TESTING	4
CHARPY IMPACT TESTING	5
WELD SAMPLE TESTING – CVN	6
HARDNESS TESTING	7
METALLOGRAPHY	7
CHEMICAL ANALYSIS	8
CORROSION TESTING	9
BEND & NICK BREAK TESTING	9
OTHER TESTING	10
HEAT TREATMENT	10
SAW CUTTING (oversize samples)	11
OVERTIME RATES	11
NON DESTRUCTIVE TESTING	12

PRICE SCHEDULE	<u>P & B TESTING, INC.</u> Destructive and Nondestructive Testing	Revision: 5 Effective Date: 7/15/2008
---------------------------	---	--

PHONE CONTACTS

SCOTT POWERS

QUALITY CONTROL

DEAN BIMELER

SALES / EXPEDITING

KEVIN BIMELR

NDE / SHOP MANAGER

MIKE MASON

MECHANICAL TESTING MGR

PRICE SCHEDULE	<u>P & B TESTING, INC.</u> Destructive and Nondestructive Testing	Revision: 5 Effective Date: 7/15/2008
---------------------------	---	--

TENSILE TESTING
(MACHINING AND DOCUMENTATION INCLUDED)

CARBON & LOW ALLOY

FULL SIZE---.505"	\$ 60.00
SUB SIZE-----.252"	\$ 65.00

STAINLESS STEELS

FULL SIZE---.505"	\$ 70.00
SUB SIZE-----.252"	\$ 75.00

SUPER ALLOYS

FULL SIZE---.505"	\$ 100.00
SUB SIZE-----.252"	\$ 105.00

REDUCED SECTION TENSILE (RST)

CARBON & LOW ALLOY

UP TO 1"	\$ 65.00
OVER 1" TO 1 1/2"	\$ 70.00
OVER 1 1/2"	PRICE ON REQUEST

STAINLESS STEELS

UP TO 1"	\$ 75.00
OVER 1" TO 1 1/2"	\$ 80.00
OVER 1 1/2"	PRICE ON REQUEST

SUPER ALLOYS

UP TO 1"	\$ 100.00
OVER 1" TO 1 1/2"	\$ 110.00
OVER 1 1/2"	PRICE ON REQUEST

THROUGH SECTION TENSILE (CARBON & LOW ALLOY ONLY)

UNDER 6" THICK	\$150.00
6" THICK AND OVER	\$ 75.00

ELEVATED TEMPERATURE TENSILE—UP TO 250°F

OVER 250°F	\$400.00
------------	----------

PRICE SCHEDULE	<u>P & B TESTING, INC.</u> Destructive and Nondestructive Testing	Revision: 5 Effective Date: 7/15/2008
---------------------------	---	--

CHARPY V-NOTCH IMPACT TESTING
(MACHINING AND DOCUMENTATION INCLUDED)

CARBON & LOW ALLOY

FULL SIZE

AMBIENT TO -100 F	\$ 90.00
-101 F TO -325 F	\$110.00

SUB SIZE (THICKNESS LESS THAN .394")

AMBIENT TO -100 F	\$100.00
-101 F TO -325 F	\$145.00

STAINLESS STEELS

FULL SIZE

AMBIENT TO -100 F	\$110.00
-101 F TO -325 F	\$130.00

SUB SIZE (THICKNESS LESS THAN .394")

AMBIENT TO -100 F	\$140.00
-101 F TO -325 F	\$160.00

SUPER ALLOYS

FULL SIZE

AMBIENT TO -100 F	\$150.00
-101 F TO -325 F	\$170.00

SUB SIZE (THICKNESS LESS THAN .394")

AMBIENT TO -100 F	\$180.00
-101 F TO -325 F	\$200.00

PRICE SCHEDULE	<u>P & B TESTING, INC.</u> Destructive and Nondestructive Testing	Revision: 5 Effective Date: 7/15/2008
---------------------------	---	--

WELD SAMPLE TESTING
CHARPY V-NOTCH IMPACT TESTING

CARBON & LOW ALLOY

FULL SIZE

AMBIENT TO -100 F	\$115.00
-101 F TO -325 F	\$165.00

SUB SIZE (THICKNESS LESS THAN .394")

AMBIENT TO -100 F	\$120.00
-101 F TO -325 F	\$170.00

STAINLESS STEELS

FULL SIZE

AMBIENT TO -100 F	\$140.00
-101 F TO -325 F	\$195.00

SUB SIZE (THICKNESS LESS THAN .394")

AMBIENT TO -100 F	\$150.00
-101 F TO -325 F	\$205.00

SUPER ALLOYS

FULL SIZE

AMBIENT TO -100 F	\$160.00
-101 F TO -325 F	\$210.00

SUB SIZE (THICKNESS LESS THAN .394")

AMBIENT TO -100 F	\$190.00
-101 F TO -325 F	\$220.00

PRICE SCHEDULE	<u>P & B TESTING, INC.</u> Destructive and Nondestructive Testing	Revision: 5 Effective Date: 7/15/2008
---------------------------	---	--

HARDNESS TESTING

MINIMUM CHARGE - BRINELL OR ROCKWELL & VICKERS		\$ 45.00
BRINELL - WHEN INCLUDED WITH OTHER TESTING		\$ 10.00
BHN-LARGE EQUIPMENT (BASED ON PART SIZE)	MINIMUM	\$ 50.00
ROCKWELL - WHEN INCLUDED WITH OTHER TESTING (3-READINGS WITH AVERAGE)		\$ 10.00
ONE (1) QUADRANT SURVEY (9 READINGS)		\$ 75.00
FOUR (4) QUADRANT SURVEY (36 READINGS)		\$200.00
ROCKWELL HARDNESS SURVEY (UP TO 18 PT)		\$100.00
MICRO HARDNESS SURVEY (UP TO 10 PT)		\$150.00
MICRO HARDNESS SURVEY - ADDITIONAL POINTS		\$ 3.00
HT009		\$200.00
MACRO EXAMINATION	MINIMUM	\$ 75.00
	PHOTOS EACH	\$ 30.00

METALLOGRAPHY

SAMPLE PREPARATION		
CARBON & ALLOYS		\$65.00
STAINLESS & NICKEL ALLOYS		\$80.00
CLEANLINESS - E-45 METHOD A	\$200.00 TO	\$600.00
PHOTOS EXTRA - EACH		\$ 30.00
CLEANLINESS - E-381 (UP TO 8" SQUARE)		\$300.00
PHOTOS EXTRA - EACH		\$ 30.00
GRAINSIZE PER E-112 - CARBON & LOW ALLOYS		\$ 90.00
PHOTOS EXTRA - EACH		\$ 30.00
GRAINSIZE PER E-112 - STAINLESS & SUPER ALLOYS		\$110.00
PHOTOS EXTRA - EACH		\$ 30.00
McQUAID EHN WITH HEAT TREATMENT		\$350.00
POINT COUNT PER ASTM E-562		\$300.00

PRICE SCHEDULE	<u>P & B TESTING, INC.</u> Destructive and Nondestructive Testing	Revision: 5 Effective Date: 7/15/2008
---------------------------	---	--

CHEMICAL ANALYSIS

SPECTROGRAPH ANALYSIS FIRST 8 ELEMENTS

CARBON & ALLOYS	\$ 95.00
STAINLESS STEELS	\$100.00
SUPER ALLOYS	\$110.00

ANALYSIS MINIMUM CHARGE \$75.00

PER ADDITIONAL ELEMENTS

CARBON & LOW ALLOYS	\$10.00
STAINLESS STEELS	\$11.00
SUPER ALLOYS	\$12.00

ANALYSIS SPECIAL ELEMENTS

ANTIMONY	\$30.00
ARSENIC	\$30.00
BISMUTH	\$30.00
CALCIUM	\$60.00
HYDROGEN	\$90.00
NITROGEN	\$70.00
OXYGEN	\$70.00
TITANIUM	\$30.00
ZIRCONIUM	\$30.00

CARBON BY COMBUSTION	\$60.00
SULPHUR BY COMBUSTION	\$60.00

METAL SHAVINGS REMELT \$50.00

PRICE SCHEDULE	<u>P & B TESTING, INC.</u> Destructive and Nondestructive Testing	Revision: 5 Effective Date: 7/15/2008
---------------------------	---	--

CORROSION TESTING

ASTM

G48 METHOD A (Sample Size 1" X 2" X 1/4")	\$200.00
METHOD B	\$250.00

ASTM A262

PRACTICE A	\$250.00
PRACTICE B	\$325.00
PRACTICE C	\$325.00
PRACTICE C WITH SENSITIZATION	\$375.00
PRACTICE E	\$300.00

BEND & NICK BREAK TESTING

CARBON & ALLOY STEELS

BEND TEST	\$55.00
NICK BREAK TEST	\$60.00

STAINLESS STEELS

BEND TEST	\$60.00
NICK BREAK TEST	\$65.00

SUPER ALLOYS

BEND TEST	\$65.00
NICK BREAK TEST	\$70.00

PRICE SCHEDULE	<u>P & B TESTING, INC.</u> Destructive and Nondestructive Testing	Revision: 5 Effective Date: 7/15/2008
---------------------------	---	--

OTHER TESTING

FLATTENING (large sizes price on request)		\$65.00
PROOF LOAD \leq 120,000 LBS.	MINIMUM	\$100.00
PROOF LOAD $>$ 120,000 LBS.	MINIMUM	\$125.00
DROP WEIGHT	SET OF 2	\$300.00

HEAT TREATMENT

NORMALIZE

FIRST HOUR	\$100.00
ADDITIONAL HOURS - EACH	\$ 25.00

QUENCH

FIRST HOUR	\$100.00
ADDITIONAL HOURS - EACH	\$ 25.00

TEMPER

FIRST HOUR	\$ 70.00
ADDITIONAL HOURS - EACH	\$ 25.00

POST WELD HEAT TREAT - ASME CODE UP & DOWN

FIRST HOUR	\$ 50.00
ADDITIONAL HOURS	\$ 20.00

SOLUTION ANNEAL

ONE HOUR	\$200.00
ADDITIONAL HOURS - EACH	\$ 50.00

PRICE SCHEDULE	<u>P & B TESTING, INC.</u> Destructive and Nondestructive Testing	Revision: 5 Effective Date: 7/15/2008
---------------------------	---	--

SAW CUTTING CHARGES

ADDITIONAL CHARGES MAY APPLY ON MECHANICAL TESTING FOR LARGER TEST BARS AND PARTS, DEPENDING ON SIZE AND CONFIGURATION

OVERTIME RATES

WHEN WORK IS PERFORMED OUTSIDE NORMAL TURNAROUND AND AFTER NORMAL BUSINESS HOURS.

(NORMAL BUSINESS HOURS 7 AM TO 5 PM, MONDAY THRU FRIDAY)

WEEK END AND HOLIDAY RATES

PRICE ON REQUEST

PRICE SCHEDULE	<u>P & B TESTING, INC.</u> Destructive and Nondestructive Testing	Revision: 5 Effective Date: 7/15/2008
---------------------------	---	--

NON DESTRUCTIVE TESTING

MINIMUM SHOP CHARGE	\$ 60.00
HOURLY SHOP CHARGE	\$ 65.00
ON-SITE (4-HOUR MINIMUM) FIELD SERVICES	\$260.00

MILEAGE (PER MILE)	\$.60
--------------------	--------

LEVEL III SERVICES PER HOUR	\$100.00
-----------------------------	----------

QUOTES	AVAILABLE UPON REQUEST
--------	------------------------