



## INSTRUMENTATION CONTROL VALVE REPAIR SPECIALIST



WERE RELIABILITY AND HIGH QUALITY  
ARE MAJOR FACTORS



TEL. (626) 795-7469

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P.O. BOX 1256  
ALHAMBRA, CALIFORNIA 91802

**Parkers** team of engineers and skilled mechanics can offer your company fast and dependable service on your worn and damaged valve trim utilizing the latest in todays technology. We can service your company's needs with a complete line of wear resistant alloys and coatings for extending wearability and durability. With todays superior quality of materials teamed with precision grinding, machining and precision plating. We can greatly reduce such problems as (abrasion, corrosion, erosion and typical wear) where such problems exist.

**WE MAINTAIN ORIGINAL EQUIPMENT SPECIFICATIONS  
AND STANDARDS AS A MATTER OF COURSE.**  
**WE CAN PUT AN END TO YOUR WEAR PROBLEMS**  
**HELPING YOUR VALVE TRIM WORK LONGER & BETTER FOR YOU**

**ALL MAKES AND MODELS**



By plating and Grinding Valve stems, it will result in longer life than S.S. from scoring, galling and wear.



We can also grind seat areas for better sealing.



**BEFORE**



**AFTER**



**BEFORE**



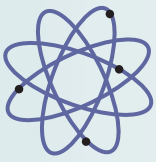
**AFTER**



**BEFORE**



**AFTER**



# PARKER ENGINEERING

## WHERE SUPERIOR QUALITY IS A STANDARD...

THE FOLLOWING IS A LIST OF SUPER ALLOY COATINGS AND PLATING PROCESSES  
USED BY PARKER ENGINEERING TO RESTORE AND RECONDITION WORN AND  
DAMAGED VALVE TRIM BACK TO NEW STANDARDS

### **HARDFACING CAPABILITIES**

#### **HASTELLOY**

"C"

"B"

"C" & TRIBALLOY 700 (S.S. TRIBALLOY OVERLAY)

#### **NICKEL ALLOYS**

MONEL-400

INCONEL-600

INCONEL-750

K-MONEL-500

MONEL-HAYNES ALLOY #25

INCOLOY-800

MONEL 400/ HASTELLOY "C"

COLOMONY ALLOYS #'S 6, 56, 5, 4

#### **CARBIDES**

CARBOLOY 5011

TUNGSTEN CARBIDE

TUNGSTEN CARBIDE / HASTELLOY "C"

TUNGSTEN CARBIDE / INCONEL 625

#### **COBALT ALLOYS**

STELLITE #'S 1, 6, 12, 21

"ULTIMET"

#### **STAINLESS STEEL**

302/ 303/ 304/ 316/

410 HARDENED S.S.

416 HEAT TREATABLE

440C

ALLOY 20 (CARPENTER 20)

#### **PLATINGS**

CADMIUM

ELECTROLESS NICKEL

ELECTROLESS NICKEL-

Rc (ROCKWELL) 65-70

HARD CHROMIUM

WITH THE DURABILITY OF CHROMIUM  
PLATING, OUR PROPRIETARY TECHNIQUE  
FOR CHROMIUM PLATING COMPONENTS  
FOR THE INDUSTRY ASSURES RESISTANCE  
TO WEAR, SEIZURE AND GALLING...

**LONGER LIFE FOR CRITICAL  
COMPONENTS.**

#### **HVOF**

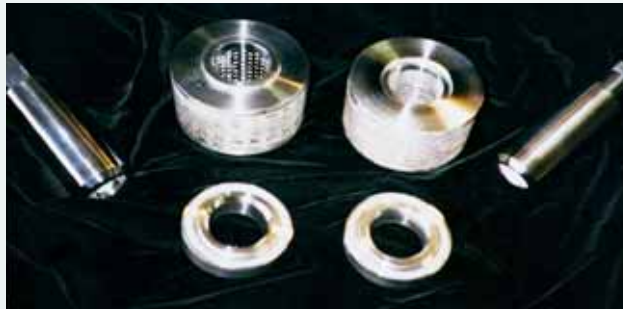
HIGH VELOCITY OXY-FUEL SYSTEM  
TUNGSTEN CARBIDE, THE ABSOLUTE  
ULTIMATE IN MAXIMUM WEAR  
RESISTANCE !

#### **NCA**

THE NICKEL CHROMIUM ALLOY  
METHODS IS PRIMARILY USED FOR  
PROBLEMS EXISTING IN AREAS  
SUCH AS CORROSION, EROSION,  
ABRASION, AND WEAR



**BEFORE**



**AFTER**



**BEFORE**



**AFTER**



**BEFORE**



**AFTER**

### **SERVICE CAPABILITIES**

**PRECISION I.D. & O.D. GRINDING**

**SURFACE GRINDING**

**COMPLETE MACHINE AND FAB SHOP**

**HEAVY PRECISION MACHINING**

**METAL SPRAY**

**PLASMA SPRAY**

POWDER - CARBIDES, CERAMICS, ALLOYS, ETC.

**THERMAL POWDER SPRAY**

**HARDFACING**

**MILLS**

VERTICALS

HORIZONTALS WITH 4-1/4" BORING BAR & POWER  
ROTARY TABLE

**WELDING**

ARC, HELIARC, TIG, MIG

OXY-ACETYLENE, SPRAY AND FUSION

BRAZING, SOLDERING

# PARKER ENGINEERING

WOULD LIKE TO BRING YOUR ATTENTION  
TO HOW WE COULD BE MOST VALUABLE TO  
YOUR COMPANY. WE PROVIDE FAST TURN AROUND AND QUICK  
DELIVERIES TO KEEP THOSE JOBS ON **SCHEDULE**

**WHEN YOU WANT DEPENDABILITY HIGH QUALITY VALVE REPAIRS FROM EMERGENCY  
REPAIR WORK TO THE COMPLETE OVERHAUL OF ALL TYPES OF VALVES.  
WE ARE THE SPECIALISTS. AT PARKER WE'LL PROVIDE YOU WITH QUALITY WORK.**

## VALVE PROBLEMS

WHATEVER YOUR APPLICATION MAY BE  
THESE PROBLEMS DO EXIST:

- EXTREME HIGH TEMP.
- HIGH PRESSURE • DROP
- EROSION / CORROSION
- WEAR PROBLEMS

## REDUCE DOWNTIME BY HARDFACING

### P A R K E R

CAN RESTORE WORN PARTS TO **"BETTER THAN NEW"** INCREASE THE LIFE TWO TO THREE TIMES  
LONGER. RECONDITION WITH WEAR-RESISTANT COATINGS. HIGH - PERFORMANCE MATERIALS  
ARE USED TO ASSURE YOU OF MAXIMUM VALVE PERFORMANCE. HARDFACING VALVE PLUGS,  
STEMS, SEAT RINGS, AND CAGES FOR SEVERE CONDITIONS AND LONG RUGGED SERVICE LIFE.  
ALL OUR WORK IS FULLY WARRANTED. WE GO BEYOND YOUR EXPECTATIONS.

OUR PEOPLE ARE TRAINED FOR EFFICIENT SERVICE AND PRECISION CRAFTSMANSHIP BY YEARS OF  
EXPERIENCE IN REBUILDING, HARDFACING AND RECONDITIONING VALVE TRIM BACK TO  
NEW STANDARDS...

**WHEN YOU CONSIDER YOUR NEXT REPAIR JOB CALL  
PARKER THE VALVE SPECIALIST AND CONSIDER THE JOB DONE,  
• VALVE PLUGS & STEMS • VALVE SEATS • VALVE CAGES • VALVE GUIDES**

PARKER ENGINEERS AND SALESMEN ARE  
AVAILABLE FOR EQUIPMENT EVALUATION OR  
FIELD ASSIGNMENTS THROUGHOUT THE  
UNITED STATES AND CANADA  
WRITE OR CALL FOR IMMEDIATE ATTENTION



**P A R K E R E N G I N E E R I N G**  
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