



Survey # ARC - E -

Date: _____

APPLICATION SURVEY PRE INSPECTION: METALS

Customer: _____
(Name & Address) _____

Inspector: _____

Title: _____

Company: _____
(Name & Address) _____

Country: _____

Industry: _____

Phone #: _____

Phone #: _____

Fax #: _____

Fax #: _____

Contact: _____

Title: _____

Equipment Description (Include type, size, function):

Describe Problem:

Operating Conditions (Check all that apply and note variances):

- a. Immersion Occasional Immersion Spill/Splash Fumes
 Other _____ Variances _____
- b. Usual room temperature _____ °C/°F (circle one) Variances _____

- Thermal Cycling Range: Min. _____ °C/°F Max. _____ °C/°F
 - Rate of Change _____ °C/°F per hr.
 - Thermal Shock Describe _____
- Operating Temperature of Equipment _____ °C/°F

c. List Materials In Contact With Equipment (Include cleaning processes):

Materials	Concentration	Temperature °C/°F	Duration of Exposure

- d.** Physical Exposure(s): Wet Dry Impact Abrasion Cavitation
 Pressure Flexing Thermal Shock

Description:

e. Other Conditions (rpm, rate of flow, vibration, cleaning methods, special considerations):

History:

	Original	Repaired	Repaired (other)
Type of Material	_____	_____	_____
Surfacing Material	_____	_____	_____
Thickness of Damage	_____	_____	_____
Life or Maintenance Interval	_____	_____	_____
Cost	_____	_____	_____
Comments	_____	_____	_____

Condition Of Equipment To Be Repaired:

a. Is it structurally sound? Yes No

Describe (cracks, loss of metal, etc):

b. Surface Contaminants

Acids Alkali Salts Solvents Oil

Describe: _____

Installation Restrictions:

a. Time allowed for installation? _____

b. Time allowed for cure? _____

c. When will installation occur? _____

d. Describe any tolerance considerations? _____

e. Describe environmental considerations expected during application and cure (i.e. temperature, humidity, contamination from spillage or atmospheric conditions):

f. Access concerns (note all conditions which may inhibit installation, i.e. clearance beneath piping or equipment, safety restrictions, etc.):

