



**RUBBER LINING MATERIAL RECOMMENDATION REQUEST**

COMPANY: \_\_\_\_\_ PHONE No: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ FAX No: \_\_\_\_\_

\_\_\_\_\_ DATE: \_\_\_\_\_

**SERVICE CONDITION INFORMATION**

1. Process or operation: \_\_\_\_\_  
\_\_\_\_\_
2. Type of vessel or equipment to be lined: \_\_\_\_\_  
\_\_\_\_\_
3. Function of vessel or equipment: \_\_\_\_\_  
\_\_\_\_\_
4. Material of construction, i.e., metal, concrete, etc.: \_\_\_\_\_  
\_\_\_\_\_
5. Size and shape of vessel: \_\_\_\_\_  
\_\_\_\_\_
6. Chemicals in contact with lining: \_\_\_\_\_
  - a. Concentration of chemicals: \_\_\_\_\_
  - b. Solvent or oils present: \_\_\_\_\_
  - c. Inorganic acids, or salts present: \_\_\_\_\_
  - d. Any additive used on recurrent or intermittent basis: \_\_\_\_\_  
\_\_\_\_\_
7. Are there any abrasive materials present, and if so, what is:
  - a. Nature of abrasive material: \_\_\_\_\_
  - b. Is abrasive material wet or dry \_\_\_\_\_
  - c. Degree of anticipated abrasion: \_\_\_\_\_



**Rubber Lining Application Manual**

**Revision Date: September 1, 2009**

**Appendix III: Material Recommendation Request**

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d. Percent of solids: \_\_\_\_\_

e. Particle size: \_\_\_\_\_

f. Flow velocity: \_\_\_\_\_

g. Will solids be agitated: \_\_\_\_\_

8. Temperature: Minimum \_\_\_\_\_ Maxium \_\_\_\_\_ Operating \_\_\_\_\_

9. Operating pressure (PSI): \_\_\_\_\_ Vacuum: \_\_\_\_\_

10. Is this installation for FDA service:

a. Is slight contamination or discoloration of solution objectionable: \_\_\_\_\_

11. Will rubber lining be exposed to direct sunlight: \_\_\_\_\_

12. Method of cure:

a. Atmospheric cure: \_\_\_\_\_ Will equipment be insulated: \_\_\_\_\_

b. Internal Steam: \_\_\_\_\_

c. Autoclave: \_\_\_\_\_

13. Has vessel or equipment been rubber lined before: \_\_\_\_\_

If so, what lining was used: \_\_\_\_\_

a. What was service life: \_\_\_\_\_

b. Was service life satisfactory: \_\_\_\_\_

c. Have there been rubber failures in this service: \_\_\_\_\_

If so, where were they: \_\_\_\_\_

In liquid or vapor phase: \_\_\_\_\_

Hazardous or swelling failures: \_\_\_\_\_

Caused by abrasion: \_\_\_\_\_

Submitted By: \_\_\_\_\_

Title: \_\_\_\_\_