



Engineering, Inc.

Phone 323 560 4723 \* Fax 323 771 7789 \* email: sales@myersmixer.com

### APPLICATION CHECK LIST

Date:

Company Name:

Contact:

Address:

City, & State:

Zip Code:

Phone:

Fax:

email:

Myers Use Only:

SA# \_\_\_\_\_

Quotation # \_\_\_\_\_

Ref. Project # \_\_\_\_\_

Sales Mgr. \_\_\_\_\_

### APPLICATION DETAILS

Type of Product (name and general description):

Describe: \_\_\_\_\_

1. Viscosity \_\_\_\_\_ Specific Gravity: \_\_\_\_\_ Weight: \_\_\_\_\_

2. Viscosity \_\_\_\_\_ Specific Gravity: \_\_\_\_\_ Weight: \_\_\_\_\_

#### Product characteristics:

- water based       solvent based – specify \_\_\_\_\_       liquids       powders
- thins during mixing       thickens       shear sensitive       temp sensitive       toxic
- corrosive       soluble       Insoluble       sticky/gummy       light/fluffy

#### Mixing category:

- mix/blend       agitation       dispersion       solids suspensions       emulsify       other \_\_\_\_\_

Desired Results: (What measures will be used to determine high quality performance.)

### MIXER

- Basket Mill       Single Shaft       Dual Shaft       Tri Shaft       Agitator
- low speed has risers       low speed has risers and wipers: sides  bottom
- hoist mounted       tank mounted       electric lift       air/oil lift       no lift       limited lift

**APPLICATION CHECK LIST – PAGE TWO**

---

**TANK**

By Myers Eng.       By Customer    Batch Size: \_\_\_\_\_ Total Capacity: \_\_\_\_\_

Non vacuum     Vacuum: Internal pressure \_\_\_\_\_psig

Inside of tank:  carbon steel     304 s/s     316 s/s     #2B     #4     #8

Outside of tank:  carbon steel     mill finish     painted     #2B     #4     #8

flat bottom     dish bottom     cone bottom

jacket on sides     jacket on sides and bottom      Jacket psig:       Jacket Temp:

NOTES:

**RAM**

Is a ram discharge press required?  no     yes    Discharge pressure \_\_\_\_\_

discharge with tank at floor level     tank elevated by fork lift     tank elevated by ram

**MOTORS**

TEFC     Explosion Proof     single phase     three phase     50Hz     60Hz

208 volts     230 volts     380 volts     460     575 volts

**DRIVE – SPEED CONTROL**

Variable Frequency Drive     Manual Variable Speed     Two Speed

**SPACE CONSTRAINTS:**

Note any known space challenges:

Floor Space Area: \_\_\_\_\_ Height Restrictions \_\_\_\_\_ Doorway Size \_\_\_\_\_

**EXISTING MIXING METHOD:**

Is this product presently being mixed?  Yes     No    If yes, please describe:

Type of mixer:     Single shaft     Dual Shaft     Tri Shaft     other \_\_\_\_\_ HP \_\_\_\_\_

Myers Mixer?  Yes     No \_\_\_\_\_ Batch Size: \_\_\_\_\_ US gal.    Tank size: \_\_\_\_\_ Inches

***Process description and include what improvements do you expect with the purchase of new equipment?***

**NOTES:**

Note any information important but not covered in above questions: