

CP TOV Assessment Survey

HELP!



Please help us so we can address your process solution

The TOV System is a special customized instrument designed for your process specifications and your control needs. To provide the best solution possible, we need your help. Please answer the following questionnaire questions as completely as you can especially if it directly relates to the process viscosity and/or to the TOV itself. The more information you can give us means the better customized solution we can provide.

Let us start easy. Please take a few minutes and fill in your information below:

Name	_____		
Company	_____		
Address	_____ _____		
City	_____		
State/Province	_____	Postal Code	_____
Country	_____		
Telephone No.	_____		
Fax	_____		
E-Mail	_____		

Now, let's move onto your process...

When completed, send or fax to Mansco Products.

Address: Mansco Products, Inc.
34 Richard Road
Ivyland, PA 18974
USA

Phone: +215.674.4395

Fax: +215.674.4396

email: info@manscoproducts.com



“Based on DuPont’s multi-decade experience with Mansco’s TOV Viscometer Systems , . . . DuPont completely recommends (the TOV Viscometer system) to any interested party.”

DuPont Testimonial Letter 10/30/98

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ABOUT YOUR PLANT AND PROCESS

- Industry classification (of plant):
 - Polymer Petrochemical
 - Petroleum Pulp & Paper
 - Pharmaceuticals Food Processing
 - Other _____
- Production output: (e.g., PET chips, polyester yarn, etc.)

 Polymerization Method:
 Continuous Process Batch
 Remelt
- Number of Process Lines:
 1 2 3 4
 5 or more _____
- Average production rate:

- Do you measure viscosity before, during, or after polymerization?
 Before After
 Both Before and After
- Target Viscosity:
 Minimum _____ poise
 Maximum _____ poise
- Operating Pressure Range:
 Under 1000 psi 1000 to 2000 psi
 2000 to 3000 psi 3000 to 4000 psi
 4000 to 5000 psi Over 5000 psi _____
 Other _____
 Design Pressure Required

- Temperature:
 0 to 100-C 100 to 200-C
 200 to 300-C Over 300-C _____
 Shear Rate (if known) _____ at
 _____ temperature.

PIPELINE AND PROCESS EQUIPMENT INFORMATION

- Materials of construction of core pipeline
 Carbon Steel (type _____)
 Stainless Steel (type _____)
 Other _____
- Pipeline Size:
 Core _____
 Jacket _____
- Materials of construction of jacket
 Carbon Steel (type _____)
 Stainless Steel (type _____)
 Other _____
- At present, are you using an “at-line” or “in-line” viscometer?
 at-line in-line
 What viscometer are you presently using?
 Manufacturer _____
 Model _____
- Output device(s):
 Chart recorder Control System/Center
 Both Other _____

A FEW PLANT PERFORMANCE QUESTIONS . . .

- Number of reported upsets (annually):
 0 1-2
 3-4 5 or more
- Is your current viscosity control method reliable?
 Yes No
- Accurate?
 Yes No
- How long is your lag time before test results verification and corresponding adjustments, etc.?
 0-10min 10-20 min
 20-30 min more _____
 Not Applicable