Cylinder Application Review Form

CARNo Date

Customer Information

Customer		Completed By	
Division		Phone	
Contact		Fax	
Email			

Application Data

Customer PN		Cylinder Action	
Unit Model #			
Unit Description			
Cylinder Application			

Dimensional Information (Inches)

Bore Diameter	
Stroke	
Rod Diameter	
Retracted Length	
Retracted Length Tolerance	
Stroke Tolerance	

Operating Pressures and Flow Rates

Flow Rate Into Cylinder - Ext			
Flow Rate into Cylinder - Ret (GPM)			
System Pressure - Max (psi)			
Min Load Induced Pressure - Ext (psi)			
Max Load Induced Pressure -Ext (psi)			
Min Load Induced Pressure - Ret (psi)			
Max Load Induced Pressure - Ret (psi)			
Pressure Spikes - Ext		If yes, max. pressure (psi)	
Pressure Spikes - Ret		If yes, max. pressure (psi)	

Operating Temperature (Fahrenheit)

Ambient Temp, Min	
Ambient Temp, Max	
System Temp Cont	
Max System Temp, Intermitent	

Life Requirements

Column Strength Factor of Safety, Min	
Expected Life (yrs)	
Est # Cycles / Year	

Miscellaneous Operating Parameters

Vibration		
Explanation		
Dithering		(High frequency linear reciprocating)
Kinematics		(Stroke vs. Motion)

Cushioning

Extended Cushion

If yes, enter the desired cushion length

Retract Cushion

If yes, enter the desired cushion length

Cylinder Rod Corrosion Resistance

Corrostion Resistance

If Other, Explain

Applicable Standards

Paint Requirements

Paint Requirments

Notes on Finish Paint

Porting and Valves

Extend Port

If Other, Explain

Port Thread

Male/Female

Retract Port

If Other, Explain

Port Thread

Male/Female

Identification

Customer Specific ID Requirements

Applicable RMT Stamp Spec

Holding Valves / Cavities

Extend Side

Extend PN

Extend Mfr

Extend Cavity

Retract Side

Retract PN

Retract Mfr

Retract Cavity

Additional Comments

External Associations

How is cylinder stowed during transport?

Additional Comments