valid from 7/14/2009

STAR TPC GAS SYSTEM CHECK LIST for CH4 Purge
(To be filled out every 2 hours from _____ to _____)

Rack 1

Sensor	Function	Value	Range	Comments
FM2	Fresh Methane Flow (slaved)		10.2 -11.2 lpm	
FM3	Fresh Argon Flow to TPC		85-105 lpm	
PT8(PI6)	TPC Pressure		250-450 μbar	

Rack 2

Sensor	Function	Value	Range	Comments
M4	Fresh Methane Content		9.5-10.5%	

Rack 3

Sensor	Function	Value	Range	Comments
M3a	Methane Meter		9.5-10.5%	
M1	Oxygen Meter		5 - 80 ppm	
PI9	Methane Delivery Pressure		13.0-17.0 PSIG	Should be less than PI8
PI8	Argon Delivery Pressure		15.0 – 19.0 PSIG	

Rack 4

Sensor	Function	Value	Range	Comments

Operator_____ Date & Time_____

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