

**EMEC/HEC/FCAL****CHECK LIST****Aug - Oct 2004**

Page -1-	DATE						
	TIME						
	Checked by						
<b>HEC CONTROL ROOM HNA 457</b>							
<b>RACK 625</b>							
Position of Tr. table	(mm)						
<b>RACK 30 SPS Monitor</b>							
p/Pulse	T4 (p/pE11)						
Multiplicity	T4 (Mul)						
<b>RACK 29</b>							
NIM Crate+Fan	Power ON						
TTC crate VME-6	Power ON						
ROD crate VME-9	Power ON						
<b>RACK E12</b>							
RAID	green lights on						
<b>Experiment Control</b>							
Trigger monitor	Power ON						
Beam file	H6.xx						
Magnet status	BEND 9 Amps						
FEB Temp. (pcfcal01)	status						
<b>PC 0 - Cryo Control</b>							
LAr Pressure PT622	mb						
LAr Level LT637	%						
Flange temp. TT629	K						
<b>PC 0 - temperature control HEC 2</b>							
pr.525	K						
pr.601	K						
pr.630	K						
<b>PC 1 - LeCroy HV Control</b>							
PM Module 0	Chan. Status						
PM Module 1	Chan. Status						
PM Module 2	Chan. Status						
PM Module 3	Chan. Status						
MWPC :8 HV lines	Chan. Status						
<b>PC 1 - ISEG HV</b>							
ISEG 48-60	Status						
<b>PC 2 - HEC PSB LV</b>							
window P8	red fields						
window P3	red fields						
window M2	red fields						
<b>Run Summary Folder (Check last RS)</b>							
Ped. Histograms	OK						
BPC and MWPC histos	OK						

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**GAS CAGE**

**Flowmeters Gas Rack (inside cage)**

4 flow indicators	bubbles						
Argon	On mark						
Isobutane	On mark						
Argon / Freon	On mark						

**CRYOSTAT PLATFORM**

**CRYOSTAT**

Flange Temperature	C						
Flange Moisture	Low						
Cryostat Pressure	mbar						
Cryostat position	tics						

**RACK P1**

FEC PS bar 3	U/I						
FEC PS bar 4	U/I						
FEC PS TEOC	U/I						
FEC PS bar 2	U/I						
FEC PS bar 7	U/I						
FEC PS bar 8	U/I						
FEC PS bar 5	U/I						
FEC PS bar 9	U/I						
LV-Box: +3.3/+5/+10	red LEDs ON						

**RACK P2**

VME Crate U/I=5/30	U/I						
CAMAC Crate	Power ON						
NIM Crate 1	Power ON						
NIM Crate 2	Power ON						

**RACK P3**

NIM Crate 1	Power ON						
NIM Crate 2	Power ON						
NIM Crate 3	Power ON						
HV: 7 ISEG modules	green LEDs						

**FEC**

Boards on top of FEC	16 green LEDs						
FEC Fans	ON						

**Water Manifold FEC**

Water flow	l/min						
Water Flow: Pin	bar						
Water Flow :Pout	bar						

**FEC Flange Heater**

FT Flange	slightly warm						
Moisture	absent						

**RACK P6**

NIM Crate	Power ON						
LeCroy red HV LED	ON						
LeCroy green LED	ON						

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<b>DOORs PPE166, PPX156, PPX146</b>							
<b>FEB cooling rack</b>							
Pump Pressure	bar						
Outlet Pressure	bar						
T readings	In/Out, C						
<b>Power supply units and NIM crate behind door 166</b>							
7 orange lights	ON						
4 green lights	ON						
White light	ON						
NIM crate, red light	ON						
<b>BPC gas rack</b>							
Gas flow control	bubbles						
<b>HV rack</b>							
CAEN 127, HV light	ON						
CAEN 127, Status light	OFF						
CAEN 527, HV light	ON						
CAEN 527, Status light	OFF						
<b>Rack near door PPX146</b>							
NIM crate	Power ON						
<b>BPC table position near door PPE156</b>							
Control box	Power OFF						