## E05-103/E05-004 Shift check List

**Date:**

| | Owl | Day | Swing |
|---|---|---|---|
| Time (hh/mm,24:00) | | | |
| Your Name | | | |
| Visual Hall Inspection | | | |
| Beam Energy (MeV) | | | |
| Beam Current (uA) | | | |
| SPOT size X/Y (mm) | | | |
| Beam Position at 1H04A X/Y (mm) | | | |
| Beam Position at 1H04B X/Y (mm) | | | |
| Hall A beam position feedback | | | |
| Wien angle | | | |
| Target type | | | |
| Target pump speed (Hz) | | | |
| Target temperature | | | |
| Target pressure | | | |
| Radiator (IN/OUT) | | | |
| Left Arm Angle | | | |
| Left Arm Collimator | | | |
| Left Cryo level OK ? (He>60%, N>25%) | | | |
| Left Arm Momentum (GeV/c) | | | |
| Left Arm NMR ok ? | | | |
| Left Arm Quad #1 (A) | | | |
| Left Arm Quad #2 (A) | | | |
| Left Arm Dipole (A) | | | |
| Left Arm Quad #3 (A) | | | |
| Right Arm Angle | | | |
| Right Arm Collimator | | | |
| Right Cryo level OK ? (He>60%, N>25%) | | | |
| Right Arm Momentum (GeV/c) | | | |
| Right Arm NMR ok ? | | | |
| Right Arm Quad #1 (A) | | | |
| Right Arm Quad #2 (A) | | | |
| Right Arm Dipole (A) | | | |
| Right Arm Quad #3 (A) | | | |

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**Date:**

| | Owl | Day | Swing |
|---|---|---|---|
| Argon pressure (PSI) | | | |
| Ethane pressure (PSI) | | | |
| CO2 pressure (PSI) | | | |
| Left VDC gas flow (top/bottom) | | | |
| Right VDC gas flow (top/bottom) | | | |
| Left Cerenkov pressure (PSI) | | | |
| Left VDC HV on (top/bottom) ? | | | |
| Right VDC HV on (top/bottom) ? | | | |
| Left S0/S1/S2 HV on ? | | | |
| Right S0/S1/S2 HV on ? | | | |
| Left Cerenkov HV on ? | | | |
| FPP gas flow ok ? | | | |
| FPP 5V low voltage ok ? | | | |
| FPP Cham-1/2,3/4 threshold (V) ? | | | |
| FPP Cham-1/2,3/4 HV (kV) | | | |
| Carbon analyzer in ? | | | |
| Carbon analyzer thickness ? | | | |
| Latest run number | | | |
| Computer deadtime | | | |
| Right prescale PS1/PS2 | | | |
| Left prescale PS3/PS4 | | | |
| Right rates T1/T2 | | | |
| Left rates T3/T4 | | | |

This file can be found under : http://hallaweb.jlab.org/experiment/LEDEX/documents/shift_check_list.ps
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