|  |  |
| --- | --- |
| ***CRG EXPERIMENT*** | **N°** (Allocated by User Office) **CRG-**  |
| *Use Tab key ⭾ to move to next item* |
| **TITLE** (limited to 140 char.)**:** |
| **Users (Name, Lab):**  |
| **Local Contact or Instrument Responsible:**  |
| **Instrument:**  **Scheduled Start Date:**  **n° of days:**  |

|  |
| --- |
| **sample description**No Sample [ ] Substance and formula*:* Mass (in mg):       Size(in mm3):      [ ]  Powder [ ]  Liquid [ ]  Gas [ ]  Polycrystalline [ ]  Single crystalSample container (cylinder, flat plate, pressure cell, etc.):       |

|  |
| --- |
| **safety aspects:** Is the sample[ ]  Radioactive? [ ]  A contaminant? [ ]  Toxic? [ ]  Inflammable?[ ]  An α-emitter? [ ]  Corrosive? [ ]  A biological hazard? [ ]  Explosive?Is there any danger associated with the proposed sample or its preparation at ILL? [ ]  Yes [ ]  Uncertain [ ]  No If yes or uncertain, please give details of the risks associated:      |

|  |
| --- |
| **environment*****IMPORTANT - Please select environment(s) from list overleaf.*** |

|  |
| --- |
| I certify that the above details are complete and correctDate:       Signature:       |

**ENVIRONMENT**

**CHARACTERISTICS & SAFETY**

|  |
| --- |
| Temperature range (stability):       |
| Pressure range:       |
| Magnetic-field strength (stability):       |
| Is there any danger associated with the environment? | [ ]  Yes [ ]  Uncertain [ ]  No |
| If yes or uncertain, please give details of the risks:       |

**ENVIRONMENT**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **AMBIENT** |  | **ELECTRIC & MAGNETIC FIELDS** |
| [ ]  | AAL | Acoustic Levitation | [ ]  | EF | Electric Field Stick < 20 kV |
| [ ]  | ABC | Heated/Refrigerated Bath Circulator | [ ]  | MC | Conventional permanent Magnet |
| [ ]  | ADC | Dialysis Cell | [ ]  | ME | Electromagnet |
| [ ]  | AHC | Humidity Chamber / Generator | [ ]  | MH | Cryomagnet, Static Horizontal Field < 17 T |
| [ ]  | ALL | Liquid-Liquid Cell | [ ]  | MHP | Cryomagnet, Pulsed Horizontal Field < 40 T |
| [ ]  | ALT | Langmuir Troughs | [ ]  | MV | Cryomagnet, Static Vertical Field < 15T |
| [ ]  | AOC | Overflowing Cylinder | [ ]  | MEX | Supplied by User |
| [ ]  | AR | Rheometer |  | **PRESSURE** |
| [ ]  | ASA | Shear Apparatus (Couette) | [ ]  | PS | Pressure Stick for Detwinning < 120 N |
| [ ]  | ASC | Size-Exclusion Chromatography | [ ]  | PG | Gas Pressure < 700 MPa |
| [ ]  | ASF | Stopped-Flow System | [ ]  | PL | Liquid Pressure < 700 MPa |
| [ ]  | ASL | Solid-Liquid Cell | [ ]  | PCL | Clamp < 1.2 GPa |
| [ ]  | ASP | In-Situ Impedance Spectroscopy | [ ]  | PCH | Clamp < 3 GPa |
| [ ]  | AST | Adsorption Troughs | [ ]  | PE | Paris-Edinburgh Press < 22 GPa |
| [ ]  | ATR | Tumbling Rack | [ ]  | PEX | Supplied by User |
| [ ]  | AEX | Supplied by User |  | **OPTIONS** |
|  | **LOW TEMPERATURE** | [ ]  | CPA | Cryopad, Zero-field polarisation analysis |
| [ ]  | C4 | 4-Circle Cryostat | [ ]  | DLS | Dynamic Light Scattering |
| [ ]  | CD | Displex - Closed Cycle Refrigerator | [ ]  | FC | Flat-Cone |
| [ ]  | CF | Orange Cryofurnace 1.8 - 550 K | [ ]  | FSE | Ferromagnetic Spin-Echo |
| [ ]  | CGO | Goniostick, Single Crystal Alignment | [ ]  | GSA | Gas Sorption Analyser |
| [ ]  | CL2 | Cryoloop Liquid N2 | [ ]  | NRSE | Neutron Resonance Spin-Echo |
| [ ]  | CN2 | N2 Gas Cryostream 80 - 500 K | [ ]  | NSF | Neutron Spin Filter |
| [ ]  | CO | Orange Cryostat 1.5 - 300 K | [ ]  | PA | Polarisation Analysis, Guide Field at Sample |
| [ ]  | LT1 | Dilution Fridge < 400 mK | [ ]  | SE | Standard Spin-Echo |
| [ ]  | LT2 | 3He Fridge > 400 mK | [ ]  | V | VacBox |
| [ ]  | LT4 | 4-Circle Dilution > 100 mK | [ ]  | WSE | Wide-angle Spin-Echo |
| [ ]  | CEX | Supplied by User |  | **OTHER** |
|  | **HIGH TEMPERATURE** | [ ]  | EXT | Other Device Supplied by User (Extern) |
| [ ]  | F0 | Furnaces 50 - 500°C | [ ]  | NO | None |
| [ ]  | F1 | Furnaces 200 - 1100°C | [ ]  | NP | Nuclear Physics |
| [ ]  | F2 | Furnaces 1100 - 1600°C | [ ]  | R | Risk |
| [ ]  | F3 | Furnaces > 1600°C | [ ]  | TU | Transuranium Samples |
| [ ]  | FM | Mirror Furnace | [ ]  | X | Other Sample Conditions |
| [ ]  | FEX | Supplied by User |  |  |  |