B	The Equipment must be suitable for connection to tap water supply, gas (H2 and N2 @ 9 bar(g), oil-free dry air @ 8 bar(g)) and 50 Hz 400 VAC electricity grid.		
C	The Equipment must be able to test low temperature water electrolyser stacks of type: • PEM (polymer electrolyte membrane) and • AAEM (alkaline anion exchange membrane) under various operating conditions: - water at one or both electrodes, - water inlet temperature control from 30-90 °C, - atmospheric up to 30 bar pressure in differential and equibar (pre or back) control modes, -Stack pre-pressurisation capability.		
D1	The Equipment must provide a power supply subsystem with at least up to 500 A direct current (DC) with minimum 30 VDC range. It must have minor effect on EIS measurements and must operate in constant current, constant voltage, and constant power mode. It must have a modular power supply to ensure accuracy and resolution of the electrical parameters remain virtually unaltered when in partial operation as compared to full operation at maximum power.		
D2	Simultaneous voltage monitoring of minimum 10 cells in a stack.		
E	The Equipment must provide for the continuous measurement of energy consumption (power, voltage, current before main AC/DC converter) and energy used at stack level, flow rates, pressures and temperature of all fluids.		