Objective of the Test Module:

To provide a standardized description of a common set of electrochemical methods that find good use for in-depth characterization of the operation of PEM fuel cell stacks.

Document Contents:

- Methods:
    - In-stack electrode voltammetry (including CO and methanol stripping)
    - H_2-PEMFC and DMFC stack electrochemical impedance spectroscopy (EIS)
    - H_2 crossover in H_2-PEMFC stack
    - Methanol crossover in DMFC stack
    - Anodes' steady-state polarization curves in DMFC stack
- Test equipment and setups
- Test inputs and outputs
- Test procedures descriptions
- Data post processing
- Recommended ranges for test parameters
- References