List of instruments and appliances in incoming control of UTVS and TVS 2m fuel assemblies

| **№** | **Name and designation** | **Indication** | **Remark** | **Name and designation** | **Indication** | **Remarks** |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | Dummy | 278.4444.00.00 | Control Adherence with FA head | Simulator | 278.4451.00.00 | Designed for control of TVS-2M assembly engagement with handling devices |
| 2 | Caliber gage | 278.4447.00.00 | Control External FA bottom nozzle diameter | Snap gauge | 278.4454.00.00 | Designed for control of outer diameter of TVS-2M tail |
| 3 | Caliber gage | 278.4447.00.00-01 | Control Width with respect to edges of upper FA head shell | Snap gauge | 278.4454.00.00-01 | Designed for control of width along ribs of upper shell of TVS-2M head |
| 4 | Caliber gage | 278.4448.00.00 | Control External diameter of locator on FA tail | Snap gauge | 278.4455.00.00 | Designed for control of outer diameter of locator on TVS-2M tail |
| 5 | Caliber gage | 278.4448.00.00-01 | Control width of ribs of upper FA head shell | Snap gauge | 278.4455.00.00-01 | Designed for control of width of ribs of upper shell of TVS-2M head |
| 6 | Caliber gage | 278.4452.00.00 | Control External diameter of upper shell of FA head | Snap gauge | 278.4456.00.00 | Designed for control of outer diameter of upper shell of TVS-2M head |
| 7 | Caliber | 278.4458.00.00 | Control Space between adjacent rows of fuel elements of FA | Control plate | 278.4459.00.00 | Designed for control of clearances between adjacent rows of FRs (U-Gd FRs) in TVS-2M assembly |
| 8 | Caliber | 278.4458.00.00-01 | Control Space between adjacent rows of fuel elements of FA | Control plate | 278.4459.00.00-01 | Designed for control of clearances between adjacent rows of FRs (U-Gd FRs) in TVS-2M assembly |
| 9 |  |  |  | Snap gauge | 278.4577.00.000 | Designed for control at NPP of "width across flats" dimension of spacer grids of TVS-2M assembly |
| 10 | Releasing caliber | 278.4418.00.00 | Control Pass ability central Tube and ICIS tube | Gauge | 278.5329.00.00 | Designed for inspection of passability of ICID tube in TVS-2M assembly |
| 11 | Suspension | 272.3527.00.00 | Designed for performance of transport-process operations with CPS ARs at the fresh fuel storage | Suspension | 272.3528.00.00 | Designed for performance of transport-process operations with CPS ARs at the fresh fuel storage |
| 12 | Spacing device | 272.3529.00.00 | Designed for rearrangement of CPS AR from one FA to another at the fresh fuel storage | Spacing device | 272.3530.00.00 | Designed for rearrangement of CPS AR from one FA to another at the fresh fuel storage |
| 13 | Dummy | 278.4453.00.00 | Control Adherence with CPS AR (BAR bundle) head | Simulator | 278.4457.00.00 | Designed for control of CPS AR engagement with handling devices |