

Uniclass 2015

Ss – Systems Table v1.21

January 2021

General changes

We have been working with two major users of the classification and as a result there are new codes to accommodate their requirements. Our work with the WICHS group of BIM4Water has resulted in the addition of several new codes in connection with systems for water supply processes. The work with the Environment Agency has resulted in new codes for Process systems and coastal defence systems. In addition we have added new codes in response to requests from users. See below for details.

Particular changes

| v1.20 Code | v1.21 Code | Classification | Notes |
|------------|----------------|---------------------|--------------|
| | Ss_25_16_50_82 | Splash deck systems | System added |
| | Ss_25_16_50_84 | Splash wall systems | System added |

| v1.20 Code | v1.21 Code | Classification | Notes |
|-------------|----------------|----------------------------------|--|
| | Ss_30_12_33_50 | Light steel-framed floor systems | System added |
| | Ss_30_12_33_90 | Timber-framed floor systems | System added |
| Ss_30_12_34 | | Framed mezzanine systems | System section deleted as already included in Framed floor systems |

| v1.20 Code | v1.21 Code | Classification | Notes |
|------------|----------------|--------------------------|--------------|
| | Ss_37_16_10_90 | Transformer bund systems | System added |

| v1.20 Code | v1.21 Code | Classification | Notes |
|----------------|----------------|-------------------------------|---|
| Ss_50_75_21_20 | Ss_50_75_21_96 | Wastewater desludging systems | System classification amended from 'Desludging systems' for clarity |

| v1.20 Code | v1.21 Code | Classification | Notes |
|------------|----------------|---|----------------------|
| | Ss_55_15_50 | Pre-oxidation water treatment systems | System section added |
| | Ss_55_15_50_10 | Chlorine dioxide pre-disinfection systems | System added |
| | Ss_55_15_50_12 | Chlorine pre-disinfection systems | System added |

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|----------------|----------------|---|---|
| | Ss_55_15_50_14 | Chloroamine pre-disinfection systems | System added |
| | Ss_55_15_50_16 | Coagulation systems | System added |
| | Ss_55_15_50_30 | Flocculation systems | System added |
| | Ss_55_15_50_60 | Ozone pre-disinfection systems | System added |
| | Ss_55_15_50_64 | Potassium permanganate pre-disinfection systems | System added |
| | Ss_55_15_55 | Clarification water treatment systems | System section added |
| | Ss_55_15_55_21 | Desludging systems | System added |
| | Ss_55_15_55_23 | Direct homogenous sand filtration systems | System added |
| | Ss_55_15_55_25 | Direct twin and triple-layer filtration systems | System added |
| | Ss_55_15_55_30 | Filtration systems | System added |
| | Ss_55_15_55_32 | Flotation systems | System added |
| | Ss_55_15_55_46 | Lamella plate settling systems | System added |
| | Ss_55_15_55_76 | Sludge blanket settling systems | System added |
| | Ss_55_15_55_78 | Sludge contact systems | System added |
| | Ss_55_15_55_80 | Static settling systems | System added |
| | Ss_55_15_60 | Polishing water treatment systems | System section added |
| | Ss_55_15_60_08 | Biological filter systems | System added |
| | Ss_55_15_60_34 | Granular activated carbon adsorption systems | System added |
| | Ss_55_15_60_60 | Ozone oxidation systems | System added |
| | Ss_55_15_60_64 | Powdered activated carbon adsorption systems | System added |
| | Ss_55_15_60_72 | Resin adsorption systems | System added |
| Ss_55_15_70 | | Water reservoir systems | System section deleted, not appropriate |
| | Ss_55_15_80 | Disinfection water treatment systems | System section added |
| | Ss_55_15_80_10 | Chlorine dioxide disinfection systems | System added |
| | Ss_55_15_80_12 | Chlorine disinfection systems | System added |
| | Ss_55_15_80_14 | Chloroamine disinfection systems | System added |
| | Ss_55_15_80_60 | Ozone disinfection systems | System added |
| | Ss_55_15_80_90 | Ultraviolet (UV) radiation disinfection systems | System added |
| Ss_55_15_85 | | Water treatment and purification systems | System section deleted, replaced by new systems |
| Ss_55_15_85_08 | | Biological aerated flooded filter systems | System deleted, replaced by new systems |
| Ss_55_15_85_23 | | Dissolved air flotation systems | System deleted, replaced by new systems |
| Ss_55_15_85_46 | | Lamella plate systems | System deleted, replaced by new systems |
| Ss_55_15_85_75 | | Sandfilter systems | System deleted, replaced by new systems |
| Ss_55_15_85_85 | | Submerged aerated filter systems | System deleted, replaced by new systems |

| v1.20 Code | v1.21 Code | Classification | Notes |
|-------------------|-------------------|---|---|
| Ss_75_60_25 | Ss_75_60_55_25 | Earthquake warning systems | System section changed to System and moved to new System section |
| Ss_75_60_30 | Ss_75_60_55_30 | Flood warning systems | System section changed to System and moved to new System section |
| | Ss_75_60_45 | Manmade disaster warning systems | System section added |
| | Ss_75_60_45_15 | Chemical spill detection and alarm systems | System added |
| | Ss_75_60_45_60 | Oil spill detection and alarm systems | System added |
| Ss_75_60_50 | | Meteorological systems | System section classification changed from 'Meteorological detection and warning systems' |
| | Ss_75_60_50_50 | Meteorological detection and warning systems | System added |
| Ss_75_60_52 | | Meteorological instrumentation systems | System section deleted |
| Ss_75_60_52_95 | Ss_75_60_50_95 | Weather observation systems | System code amended and moved to more appropriate system section |
| | Ss_75_60_55 | Natural disaster warning and protection systems | System section added |
| | Ss_75_60_55_29 | Flood resilience systems | System added |
| Ss_75_60_70 | Ss_75_60_45_70 | Radiation detection and alarm systems | System section changed to System and moved to new System section |
| Ss_75_60_75 | Ss_75_60_55_75 | Seismic instrumentation systems | System section changed to System and moved to new System section |
| Ss_75_60_90 | Ss_75_60_55_90 | Tsunami warning systems | System section changed to System and moved to new System section |
| Ss_75_60_95 | Ss_75_60_55_95 | Volcanic eruption warning systems | System section changed to System and moved to new System section |

| v1.20 Code | v1.21 Code | Classification | Notes |
|-------------------|-------------------|------------------------------------|-----------------------|
| | Ss_85_50 | Mechanical power systems | System subgroup added |
| | Ss_85_50_65 | Power supply systems | System section added |
| | Ss_85_50_65_38 | Hydraulic power systems | System added |
| | Ss_85_50_65_40 | Internal combustion engine systems | System added |