

## ANNEX 3C - Recognised Stainless Steel Grades

### RECOGNISED MATERIALS FOR USE IN THE MANUFACTURE OR ASSEMBLY OF PRODUCTS

The only products approved under the relevant regulations are those that will be supplied directly to drinking water suppliers for use in direct contact with water intended for human consumption. Materials used to make products used in water networks, treatment plants etc., are outside the scope of this remit and are not, therefore included in this List.

However, it has been proved helpful to manufacturers and suppliers of such products to provide details of suitable materials known not to have adverse effects on water quality or pose unacceptable health risks to consumers.

There is a requirement for fabricators of stainless steel products to obtain Reg31 approval even though they are using approved grade products.

#### *Important notes relating to this Annex.*

*Listing of materials in this Annex does NOT constitute approval of products made from the materials and does NOT imply:*

- a) recommendation of the material by the Authorities*
- b) that products made from the grades listed will have suitable fitness for purpose qualities for their proposed use*
- c) that no further testing will be required before a recommendation for approval can be made for any product made from them.*

Stainless Steel Grade	Applicable Standards
1.4301 (304S31/AISI 304) (SS 2333) 1.4306 (304S11/AISI 304L) (SS 2352) 1.4311 (304S61/AISI 304LN) (SS 2371) 1.4541 (321S31/AISI 321) (SS 2337) 1.4550 (347S31/AISI 347) (SS 2338) <b>1.4404 (316S11/AISI 316L) (SS 2348) †</b> 1.4401 (316S31/AISI 316) (SS 2347) 1.4432 (316S13/AISI 316L) (SS 2353) 1.4436 (316S33/AISI 316) (SS 2343) 1.4406 (316S61/AISI 316LN) 1.4571 (320S31/AISI 316Ti) (SS 2350) 1.4434 (317LN/SS 2373) 1.4435 (SS 2353) 1.4438 (317L/SS 2367)	BS 970:Part 1 BS 3605-2 ASTM A312/312M ASTM A403/403M ASTM A774/774M DIN 17455 DIN 17457 EN 10217-7 EN 10312 SS 219711 SS 219716
1.4410 (2507/ASTM S32750) (SS 2328) 1.4501 (ZERON 100/UNS S 32760) 1.4362/SAF 2304	ASTM A 789/789M ASTM A 790/790M BS EN 10008-2:1995

#### NOTE:

† Stainless steel grades tested (analysis of test waters was limited to chromium, nickel and iron)