



Document Control

Rev	Date	By	Comments
A	Oct'19	J. Hoare	Initial Document
B	Mar'20	J. Hoare	March 2020 Issue
c	April 2020	A Singleton	General update to tracker and other minors

Design Guidance

Type of Facility	Sanitary Ware Item	Generic Temperature Risk Assessment.	Minimum type of temperature control needed.	Generic Type of Brassware.	Bristan Product Code	Comments	Links	Links
New Build / Refurbish with new Sanitary Ware (Take care to ensure the sanitary ware is specified to suit the brassware in terms of hole numbers)								
	Cleaners Low Level Bucket Sink	Low risk, trained staff	Non	Separate hot and cold lever bib taps	Bib tap classic type 228 on wing back elbow	-	https://www.bristan.com/products/Kitchen-Taps?code=VAL%20LB%20C%20CD	
	Kitchen	Low risk	Non	Separate hot and cold lever pillar taps	Design Utility	-	https://www.bristan.com/products/Kitchen-Taps?code=DUL%20HNK%20C	
	Toilet Wash Hand Basin, accessible	High risk, accessible facility	Thermostatic TMV3	Monobloc basin level mixer with TMV3 under basin	Solo -NM SL non thermostatic	-	https://www.bristan.com/products/Bathroom-Taps?code=SOLO-NM%20SL	https://www.bristan.com/products/Mixer-Showers?code=MT503CP-ISOELB



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	Toilet Wash Hand Basin, communal normal use	Low risk, fully ambulant	Mechanical restricted mixer	Monobloc basin mechanically restricted mixer non concussive	Timeflow temp control basin mixer ZTC	-	https://www.bristan.com/products/Bathroom-Taps?code=Z%20TC%201/2%20C	
	Toilet Wash Hand Basin, en suite accessible	High risk, accessible facility	Thermostatic TMV3	Monobloc basin lever mixer with TMV3 under basin	Solo -NM SL non thermostatic/Prism	-	https://www.bristan.com/products/Bathroom-Taps?code=SOLO-NM%20SL	https://www.bristan.com/products/Mixer-Showers?code=MT503CP-ISOELB
	Toilet Wash Hand Basin, en suite normal use	Low risk, fully ambulant	Mechanical restricted mixer	Monobloc basin mechanically restricted lever mixer	Solo -NM SL non thermostatic/Prism		https://www.bristan.com/products/Bathroom-Taps?code=PM%20BASNW%20C	
	Bathroom Bath	High risk, full body immersion	Thermostatic TMV3	Monobloc bath lever mixer with TMV3 under bath	Prism		https://www.bristan.com/products/Bathroom-Taps?code=PM%201HBF%20C	https://www.bristan.com/products/Mixer-Showers?code=MT503CP-ISOELB
	Bathroom Wash Hand Basin	High risk, 3rd Party Occupier	Thermostatic TMV3				https://www.bristan.com/products/Bathroom-Taps?code=PM%20BASNW%20C	https://www.bristan.com/products/Mixer-Showers?code=MT503CP-ISOELB



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	Laboratory Wash Hand Basin	Low risk	Elbow operated mixer tap.	Elbow control basin mechanical mixer. IPS mounted for preference.	VAL WMSNK C CD or VAL PSNK C CD	Prefer an IPS mounted device but basin mounted is acceptable.		
	Laboratory Process Sink	Low risk	Non	Separate hot and cold Laboratory pillar taps	Use specialist laboratory tap supplier.	Brownall taps to suit application.	N/A	
	Shower	High risk, full body exposure	Thermostatic TMV3	Exposed bar shower valve	Opac/		OP SHXVO ISOL EL C - Documents attached	
	Shower	Low risk, fully ambulant	Thermostatic TMV2			Shower bar only - will order single mode kit separately	https://www.bristan.com/products/Mixer-Showers?code=AR2SHXVOFF C	https://www.bristan.com/products/Showers-Accessories?code=EVKIT-EFB C



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Refurbish with Retained Existing Sanitary Ware (Take care to ensure brassware aligns with the existing sanitary ware tap hole numbers)								
	Cleaners Sink	Low risk, trained staff	Non	Separate hot and cold lever pillar taps	As new build		https://www.bristan.com/products/Kitchen-Taps?code=VAL%20IB%20C%20CD	
	Kitchen	Low risk	Non	To suit existing tap holes, either (a) separate hot and cold lever pillar taps or (b) monobloc mixer	As new build or Quest Mono Mixer		https://www.bristan.com/products/Kitchen-Taps?code=DUL%20SNK%20EF%20C	
	Toilet Wash Hand Basin, communal accessible	High risk, accessible facility	Thermostatic TMV3	To suit existing tap holes, either (a) as new build or (b) separate hot and cold lever with TMV3 under basin.	As new build or Quest Basin Single Outlets		https://www.bristan.com/products/Bathroom-Taps?code=SOLO-NM%20SL	https://www.bristan.com/products/Mixer-Showers?code=MT503CP-ISOELB
	Toilet Wash Hand Basin, communal normal use	Low risk, fully ambulant	Mechanical restricted mixer or thermostatic TMV3	To suit existing tap holes, either (a) as new build or (b) separate hot and cold non concussive with TMV3 under basin.	As new build or Single luxury soft touch timeflow		https://www.bristan.com/products/Bathroom-Taps?code=Z2%20LUX%201%202%20C	https://www.bristan.com/products/Mixer-Showers?code=MT503CP-ISOELB
	Toilet Wash Hand Basin, en suite accessible	High risk, accessible facility	Thermostatic TMV3	To suit existing tap holes, either (a) as new build or (b) separate hot and cold lever with TMV3 under basin.	As new build or Quest Basin Single Outlets		https://www.bristan.com/products/Bathroom-Taps?code=SOLO-NM%20SL	https://www.bristan.com/products/Mixer-Showers?code=MT503CP-ISOELB



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Type of Facility	Sanitary Ware Item	Generic Temperature Risk Assessment.	Minimum type of temperature control needed.	Generic Type of Brassware.	Bristan Product Code	Comments	Links	Links
	Toilet Wash Hand Basin, en suite normal use	Low risk, fully ambulant	Mechanical restricted mixer or thermostatic TMV3	To suit existing tap holes, either (a) as new build or (b) separate hot and cold lever with TMV3 under basin.	As new build or Quest Basin Single Outlets		https://www.bristan.com/products/Bathroom-Taps?code=PM 1/2 C	https://www.bristan.com/products/Mixer-Showers?code=MT503CP-ISOELB
	Bath	High risk, full body immersion	Thermostatic TMV3	To suit existing tap holes, either (a) as new build or (b) separate hot and cold lever with TMV3 under basin.	As new build or Quest Basin Single Outlets		https://www.bristan.com/products/Bathroom-Taps?code=PM 3/4 C	https://www.bristan.com/products/Mixer-Showers?code=MT503CP-ISOELB
	Laboratory Wash Hand Basin	Low risk	Mechanical restricted mixer	To suit existing tap holes, either (a) as new build or (b) separate hot and cold lever with TMV3 under basin.			https://www.bristan.com/products/Bathroom-Taps?code=VAL 1/2 C 6 CD	https://www.bristan.com/products/Mixer-Showers?code=MT503CP-ISOELB
	Laboratory Process Sink	Low risk	Non	Separate hot and cold Laboratory pillar taps	Use specialist laboratory tap supplier.	Brownall taps to suit application.		
	Shower	High risk, full body exposure	Thermostatic TMV3	Exposed bar shower valve	Opac		OP SHXVO ISOL EL C - Documents attached	
	IPS Mounted Health Care		IPS Mounted Health Care				https://www.bristan.com/products/Bathroom-Taps?code=H64WMT2	



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Separate TMV3 where required								
	Standard TMV3 mixer valve				Horne H15 or H20 (dependent upon size) with integral isolation		N/A	

Notes:

1. Generic Temperature risk shall be assessed by Project Team on a project by project basis.
2. All Thermostatic mixing valves where installed shall be sperate from the tap except laboratories.
3. Water pressure needs to be adequate to give required flow rates and boosters may be required where there is low head. In existing refurbishments great care needs to be taken with this issue and alternative taps may need to be provided.