

Quality Assurance (QA) test protocol

CATEGORY	CRITERIA	Description	Required /optional	Passed (Y/N)
AUDIO	Quality	<ul style="list-style-type: none"> • Clear and easily understood voice(s) • no distortion in the voice(s) • consistent speaking level (no changes from low to loud level) 	Required	
	Echo	<ul style="list-style-type: none"> • There should be no perceptible echo detected 	Required	
	Background noise	<ul style="list-style-type: none"> • Effective squelch operation when no-one talks 	Required	
	Perceived Room Acoustic	<ul style="list-style-type: none"> • Echo cancellation solution in place either by using hardware or appropriate room setup (no bare walls etc) 	Optional	
VIDEO	Quality	<ul style="list-style-type: none"> • Clear and not too dark/bright image • No flickering • Good contrast and backlight compensation • Good camera positioning 	Required	
	FECC enabled	<ul style="list-style-type: none"> • Far End Camera Control Enabled and functioning 	Optional	
	Backdrop	<ul style="list-style-type: none"> • Avoid hard lines or complicated patterns • A matte, solid-colored background (shades of red or any other fully saturated colors should be avoided, no windows etc) 	Optional	
	Lighting	<ul style="list-style-type: none"> • Acceptable lighting , no shade on participant faces etc 	Optional	
NETWORKING	P2P connection	<ul style="list-style-type: none"> • Call using E.164 and/or IP address tested (dial-in and dial-out) 	Required	
	MCU connection	<ul style="list-style-type: none"> • Call using E.164 and/or IP address tested (dial-in and dial-out) 	Required	
	Gatekeeper registration	<ul style="list-style-type: none"> • End-point registered to GK, E.164 assigned 	Optional Confirm e.164	
	QoS	<ul style="list-style-type: none"> • No jitter, packet lost or delays detected 	Required	
	Firewall	<ul style="list-style-type: none"> • No issue with the H.323 traversing the organisation's firewalls 	Required	
DESKTOP SHARING	Capabilities	<ul style="list-style-type: none"> • Desktop sharing capabilities determined and tested (H.239 support) 	Optional	