

Protective Goggles Generic Checklist

Checkpoint title	Checkpoint category	Checkpoint motive	Sampling size	Number of samples	Description	Required result
Packing method	Export Packing	Conformance to Specs	1 pc		Report quantity and breakdown inside export cartons.	Conforms to specifications.
Shipping marks	Export Packing	Conformance to Specs	All samples		Report actual shipping marks on export cartons and compare to client specification if applicable.	Conforms to specifications.
Gross weight	Export Packing	Conformance to Specs	1 pc		Take weight. Values in kg.	Conforms to specifications.
Dimensions	Export Packing	Conformance to Specs	1 pc		Take dimensions. Values in cm.	Conforms to specifications.
Barcode scan	Export Packing	Conformance to Specs	Custom	5	Scan barcode.	Conforms to specifications.
Free-fall carton drop test	Export Packing	Function, Endurance, Usability	Custom	2	Carton is dropped 10 times (1 corner then 3 edges then 6 sides). Drop height: 76cm if carton GW is 1-9kg, 61cm if 10-18kg, 46cm if 19-27kg, 30cm if 28-45kg, 20cm if 46-68kg.	Carton should not open up. Products should not be damaged and should still function as intended.
Inner packing contents	Inner Packing	Conformance to Specs	All samples		Report findings.	Conforms to specifications.
Inner packing marks	Inner Packing	Conformance to Specs	All samples		Report findings.	Conforms to specifications.
Inner packing gross weight	Inner Packing	Conformance to Specs	Custom	2	Take weight. Values in kg.	Compare to client specifications and perfect sample if applicable.
Inner packing dimensions	Inner Packing	Conformance to Specs	Custom	2	Take dimensions. Values in cm.	Compare to client specifications and perfect sample if applicable.
Inner packing barcode scan	Inner Packing	Conformance to Specs	All samples		Scan barcode(s).	Compare to client specifications and perfect sample if applicable.
Instruction manual	Inner Packing	Conformance to Specs	All samples		Review the manual for quality of paper & printing, clarity, any misses.	Conforms to specifications, if any. No obvious issue.
Inner packing information	Inner Packing	Conformance to Specs	All samples		Report findings.	Compare to client specifications and perfect sample if applicable.
Inner packing polybag	Inner Packing	Safety & Regulatory	All samples		Report findings (especially the number of holes, size of polybag opening, and safety text, if any).	Compare to client specifications and perfect sample if applicable.
Smell check	Product & Unit Packing	Aesthetics & Smell	All samples		Open the master carton, inner box, and product.	No strong or irritative smell should be found.
Appearance & workmanship	Product & unit packing	Aesthetics & smell	All samples		Report findings, take detailed photos of the product and its different accessories.	Compare to client specifications and perfect sample if applicable.
Net weight	Product & Unit Packing	Conformance to Specs	Custom	2	Take weight. Values in g.	Compare to client specifications and perfect sample if applicable.
Dimensions	Product & Unit Packing	Conformance to Specs	Custom	2	Take dimensions. Values in cm.	Compare to client specifications and perfect sample if applicable.
Barcode scan	Product & Unit Packing	Conformance to Specs	Custom	5	Scan barcode(s).	Compare result with actual printed number and specification from client if applicable. The barcodes on the product, unit box, and export box, should all match.
Certificates	Product & Unit Packing	Safety & Regulatory	All samples		Please ask factory to provide relevant certificates or lab test reports for these products. Take photos.	Those documents must match the product being inspected. In internal check, compare components to CDF.
Color check	Product & Unit Packing	Aesthetics & Smell	All samples		Check color(s) of the product and its accessories.	Compare to client specifications and perfect sample if applicable.
Fitting test	Product & Unit Packing	Function, Endurance, Usability	Custom	2	Put product on a dummy or a live model.	Product should look good, no obvious fitting problem.
Hi-low temperature test	Product & Unit Packing	Function, Endurance, Usability	Custom	2	Put the goggles into conditioning chamber at (55±2) °C for 1 hour, (-5±2) °C for 1 hour.	No damage after test, the product still works and feels as expected.
Printing check	Product & Unit Packing	Conformance to Specs	All samples		Printing on goggle is correct, good printing quality.	Compare to client specifications and perfect sample if applicable.
Material check	Product & Unit Packing	Conformance to Specs	All samples		Check product material according to client's file	Compare to client specifications and perfect sample if applicable.
Chemical droplet protection performance	Product & Unit Packing	Function, Endurance, Usability	Custom	2	Put the goggles on model, insert a test paper between model and goggle, spray test reagent by 20-30ml/min at 600mm distance, spray 10 seconds from different directions.	No reagent should be found on test paper.
Fatigue test	Product & Unit Packing	Function, Endurance, Usability	Custom	2	Push, press, use each adjustable part 50 times.	The products should remain as new.
Color fastness to rubbing test	Product & Unit Packing	Function, Endurance, Usability	Custom	2	Rub the markings and the logo 20 times, with a soft cloth dipped in alcohol (if no alcohol is available, use oxygen water and mention it in the findings).	No color should get transferred.
Adhesive test on markings and coatings	Product & Unit Packing	Function, Endurance, Usability	Custom	2	Use 3M adhesive tape to stick & pull, on logos and other markings.	The coating and other markings should not peel off.