

CERTIFICATES OF COMPLIANCE



ALTEA

designed — Jorge Pensi



INCLASS

Overview



XL high backrest armchair
w/ 5 spoke aluminum base
(tilt mechanism)
[certificate +](#)



XL high backrest armchair
w/ 5 spoke aluminum base
(swivel)
[certificate +](#)



High backrest armchair
w/ 5 spoke aluminum base
(tilt mechanism)
[certificate +](#)



High backrest armchair
w/ 5 spoke aluminum base
(swivel)
[certificate +](#)



Low backrest armchair
w/ 5 spoke aluminum base
(tilt mechanism)
[certificate +](#)



Low backrest armchair
w/ 5 spoke aluminum base
(swivel)
[certificate +](#)



High backrest armchair
w/ 4 spoke steel swivel base
[certificate +](#)



Low backrest armchair
w/ 4 spoke steel swivel base
[certificate +](#)



Low backrest armchair
with cantilever base
[certificate +](#)



Low backrest armchair
with 4 leg base
[certificate +](#)



Low backrest armchair
with sled base
[certificate +](#)



Low backrest armchair
with 4 wooden leg base
[certificate +](#)

CERTIFICATE OF COMPLIANCE



INCLASS

ALTEA XL high backrest armchair
w/ 5 spoke aluminum base (tilt
mechanism) w/ casters

222977-420

Certificate Number

04/27/2021 - 04/27/2022

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Commercial furniture and furnishings are tested in accordance with ANSI/BIFMA M7.1-2011(R2016) and determined to comply with ANSI/BIFMA X7.1-2011(R2016) and ANSI/BIFMA e3-2014e Credit 7.6.1, 7.6.2, and 7.6.3. Seating products are modeled in the seating environment with a ventilation rate of 24.8 m³/hour. Products also determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017.

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GREENGUARD Gold Certification Criteria for Office Furniture Seating

Criteria	CAS Number	Maximum Allowable Predicted Concentration	Units
TVOC ^(A)	-	0.22	mg/m ³
Formaldehyde	50-00-0	4.5 (3.65 ppb)	µg/m ³
Total Aldehydes ^(B)	-	0.043	ppm
4-Phenylcyclohexene	4994-16-5	6.5	µg/m ³
1-Methyl-2-pyrrolidinone ^(C)	872-50-4	80	µg/m ³
Individual VOCs ^(D)	-	1/4 CREL or 1/100th TLV	-

- (A) Defined to be the total response of measured VOCs falling within the C₆ – C₁₆ range, with responses calibrated to a toluene surrogate.
- (B) The sum of all measured normal aldehydes from formaldehyde through nonanal, plus benzaldehyde, individually calibrated to a compound specific standard. Heptanal through nonanal are measured via TD/GC/MS analysis and the remaining aldehydes are measured using HPLC/UV analysis.
- (C) Based on the CA Prop 65 Maximum Allowable Dose Level for inhalation of 3,200 µg/day and an inhalation rate of 20 m³/day.
- (D) Allowable levels for chemicals not listed are derived from the lower of 1/4 the California Office of Environmental Health Hazard Assessment (OEHHA) Chronic Reference Exposure Level (CREL) as required per the CDPH/EHLB/Standard Method v1.2 and BIFMA level credit 7.6.2 and 1/100th of the Threshold Limit Value (TLV) industrial work place standard (Reference: American Conference of Government Industrial Hygienists, 6500 Glenway, Building D-7, and Cincinnati, OH 45211-4438).



CERTIFICATE OF COMPLIANCE



INCLASS

ALTEA XL high backrest armchair
w/ 5 spoke aluminum base (swivel)

222976-420

Certificate Number

04/27/2021 - 04/27/2022

Certificate Period

Certified

Status

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CERTIFICATE OF COMPLIANCE



INCLASS

ALTEA High backrest armchair w/ 5
spoke aluminum base (tilt
mechanism) w/ casters

222971-420

Certificate Number

04/27/2021 - 04/27/2022

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

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CERTIFICATE OF COMPLIANCE



INCLASS

ALTEA High backrest armchair w/ 5
spoke aluminum base (swivel) w/
casters

222969-420

Certificate Number

04/27/2021 - 04/27/2022

Certificate Period

Certified

Status

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CERTIFICATE OF COMPLIANCE



INCLASS

ALTEA Low backrest armchair w/ 5
spoke aluminum base (tilt
mechanism) w/ casters

222970-420

Certificate Number

04/27/2021 - 04/27/2022

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

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CERTIFICATE OF COMPLIANCE



INCLASS

ALTEA Low backrest armchair w/ 5
spoke aluminum base (swivel) w/
casters

222968-420

Certificate Number

04/27/2021 - 04/27/2022

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

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CERTIFICATE OF COMPLIANCE



INCLASS

ALTEA High backrest armchair w/
4 spoke steel swivel base

222967-420

Certificate Number

04/27/2021 - 04/27/2022

Certificate Period

Certified

Status

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CERTIFICATE OF COMPLIANCE



INCLASS

ALTEA Low backrest armchair w/ 4
spoke steel swivel base

222966-420

Certificate Number

04/27/2021 - 04/27/2022

Certificate Period

Certified

Status

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CERTIFICATE OF COMPLIANCE



INCLASS

ALTEA Low backrest armchair w/ cantilever frame

222972-420

Certificate Number

04/27/2021 - 04/27/2022

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

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CERTIFICATE OF COMPLIANCE



INCLASS

ALTEA Low backrest armchair w/ 4 leg frame

222965-420

Certificate Number

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Total Aldehydes ^(B)	-	0.043	ppm
4-Phenylcyclohexene	4994-16-5	6.5	µg/m ³
1-Methyl-2-pyrrolidinone ^(C)	872-50-4	80	µg/m ³
Individual VOCs ^(D)	-	1/4 CREL or 1/100th TLV	-

- (A) Defined to be the total response of measured VOCs falling within the C₆ – C₁₆ range, with responses calibrated to a toluene surrogate.
- (B) The sum of all measured normal aldehydes from formaldehyde through nonanal, plus benzaldehyde, individually calibrated to a compound specific standard. Heptanal through nonanal are measured via TD/GC/MS analysis and the remaining aldehydes are measured using HPLC/UV analysis.
- (C) Based on the CA Prop 65 Maximum Allowable Dose Level for inhalation of 3,200 µg/day and an inhalation rate of 20 m³/day.
- (D) Allowable levels for chemicals not listed are derived from the lower of 1/4 the California Office of Environmental Health Hazard Assessment (OEHHA) Chronic Reference Exposure Level (CREL) as required per the CDPH/EHLB/Standard Method v1.2 and BIFMA level credit 7.6.2 and 1/100th of the Threshold Limit Value (TLV) industrial work place standard (Reference: American Conference of Government Industrial Hygienists, 6500 Glenway, Building D-7, and Cincinnati, OH 45211-4438).



CERTIFICATE OF COMPLIANCE



INCLASS

ALTEA Low backrest armchair w/
sled frame

222963-420

Certificate Number

04/27/2021 - 04/27/2022

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Commercial furniture and furnishings are tested in accordance with ANSI/BIFMA M7.1-2011(R2016) and determined to comply with ANSI/BIFMA X7.1-2011(R2016) and ANSI/BIFMA e3-2014e Credit 7.6.1, 7.6.2, and 7.6.3. Seating products are modeled in the seating environment with a ventilation rate of 24.8 m³/hour. Products also determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017.

Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.



UL investigated representative samples of the identified Product(s) to the identified Standard(s) or other requirements in accordance with the agreements and any applicable program service terms in place between UL and the Certificate Holder (collectively "Agreement"). The Certificate Holder is authorized to use the UL Mark for the identified Product(s) manufactured at the production site(s) covered by the UL Test Report, in accordance with the terms of the Agreement. This Certificate is valid for the identified dates unless there is non-compliance with the Agreement.

GREENGUARD Gold Certification Criteria for Office Furniture Seating

Criteria	CAS Number	Maximum Allowable Predicted Concentration	Units
TVOC ^(A)	-	0.22	mg/m ³
Formaldehyde	50-00-0	4.5 (3.65 ppb)	µg/m ³
Total Aldehydes ^(B)	-	0.043	ppm
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CERTIFICATE OF COMPLIANCE



INCLASS

ALTEA Low backrest armchair w/ 4
wooden leg frame

224049-420

Certificate Number

04/27/2021 - 04/27/2022

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Commercial furniture and furnishings are tested in accordance with ANSI/BIFMA M7.1-2011(R2016) and determined to comply with ANSI/BIFMA X7.1-2011(R2016) and ANSI/BIFMA e3-2014e Credit 7.6.1, 7.6.2, and 7.6.3. Seating products are modeled in the seating environment with a ventilation rate of 24.8 m³/hour. Products also determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017.

Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.



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GREENGUARD Gold Certification Criteria for Office Furniture Seating

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