

ISO & Related Certifications

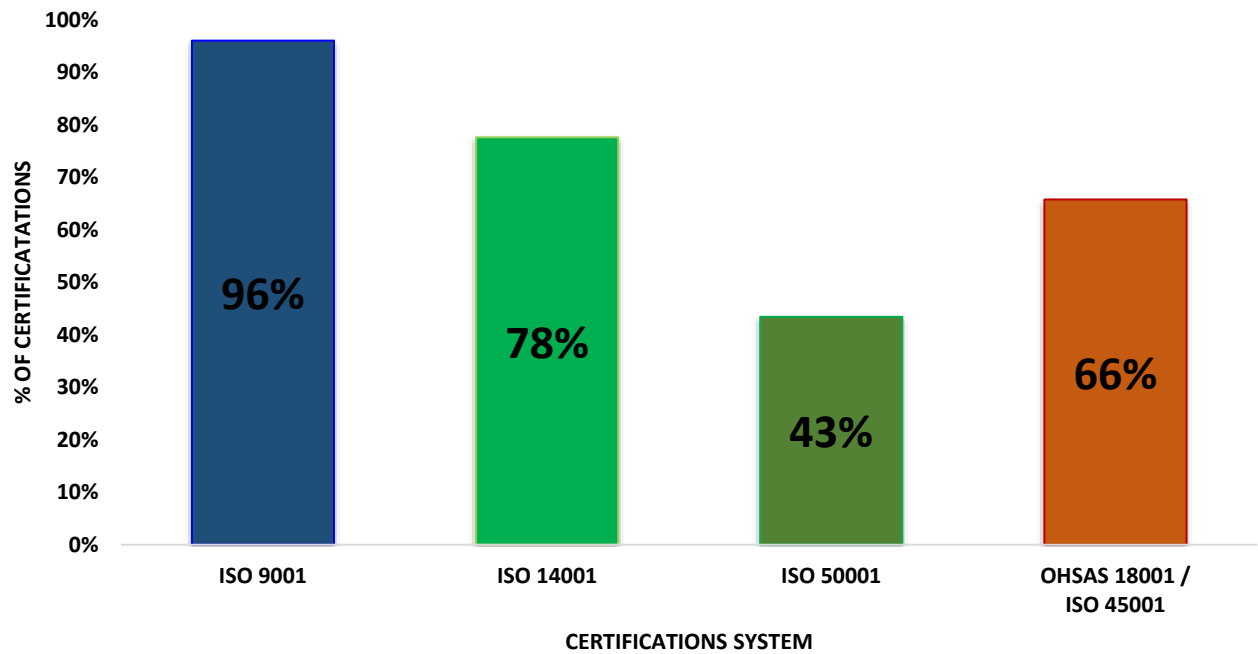
Certification Status of IVL Plants											
No.	Plants	Country	ISO 9001	ISO 14001	ISO 50001	OHSAS 18001 / ISO 45001	ISO 22000 / FSIS 22000	EMAS	ORISO-TEXT CERTIFICATION (PPE)	SA8000	Others
1	Indorama Ventures Packaging (Ghana) (IVPG)	Ghana									
2	Egyptian Indian Polyester Company (EIPC)	Egypt									
3	Medco Plast for Packing and Packaging Systems	Egypt									ISO 14001
4	Indorama PET (Nigeria) (IRPN)	Nigeria									
5	Indorama Ventures Packaging (Nigeria) (IVPN)	Nigeria									
6	Guangdong IVL PET Polymers (GVL)	China									
7	FiberVisions (China) (FV China)	China									
8	Angol China	China									
9	Glanstoff Qingdao	China									ISO 14001
10	Performance Fibers (Kaiping) (PFK)	China									
11	Performance Fibers (Kaiping) No.3 (PFK3)	China									
12	ES FiberVisions (Suzhou) (JV)	China									
13	PT. Indorama Petrochemicals (PTIP)	Indonesia									
14	PT. Indorama Polychem Indonesia (PTIPCI)	Indonesia									
15	PT. Indorama Polypet Indonesia (PTIPPI)	Indonesia									
16	PT. Indorama Ventures Indonesia (PTIVI)	Indonesia									
17	Indorama Ventures Dhusseri Petrochem Industries (IVLDPI)	India									
18	Micro Polypet (MPPL)	India									
19	Angol India	India									
20	Indorama Synthetics India - Fibers	India									
21	Indorama Ventures Packaging Myanmar (IVPML)	Myanmar									
22	Indorama Ventures Packaging Philippines (IVPPC) - Batino	The Philippines									
23	Indorama Ventures Packaging Philippines (IVPPC) - Davao	The Philippines									
24	Indorama Ventures Packaging Philippines (IVPPC) - MOP	The Philippines									
25	Indorama Ventures Packaging Philippines (IVPPC) - Meycauayan	The Philippines									
26	Indorama Ventures Packaging Philippines (IVPPC) - Bacolod	The Philippines									
27	Indorama Holdings (IRH)	Thailand									
28	ES FiberVisions (Thailand) (JV)	Thailand									
29	Indorama Petrochem (IRPTA)	Thailand									
30	Indorama Petrochem 2 (IRPTA 2)	Thailand									
31	Indorama Polyester Industries - Nakhon Pathom (IPI - N)	Thailand									
32	Indorama Polyester Industries - Rayong (IPI - R)	Thailand									
33	Indorama Polymers (IP)	Thailand									
34	Petform (Thailand) Lopburi (PFL - L)	Thailand									
35	Petform (Thailand) Nakhonratchasima (PFL - N)	Thailand									
36	Petform (Thailand) Pathumthani (PFL - P)	Thailand									
37	Petform (Thailand) Rayong (PFL - R)	Thailand									
38	TPP Petrochemicals (TPP)	Thailand									
39	Glanstoff Bohemia	Czech									
40	Schoeller Czech Wool	Czech									
41	Kordana Czech Fibers	Czech									
42	FiberVisions A/S (FVAS)	Denmark									
43	Wellman France Recyclage (WFR)	France									
44	Glanstoff Longjumeau	France									
45	Wellman Neufchâteau Industrie	France									
46	PHP Fibers (PHP Fibers)	Germany									
47	Trevira (TG - Bobingen)	Germany									
48	Trevira (TG - Guben)	Germany									
49	Schoeller GmbH Wool	Germany									
50	Indorama Ventures Polymers Germany GmbH	Germany									
51	UTT Technische Textilien - Fibers	Germany									ISO 14001
52	Wellman International (WIL)	Ireland									
53	Angol Israel 1 Barkan	Israel									
54	Angol Israel 2 Dimona	Israel									
55	Glanstoff Sicrom	Italy									
56	Orion Global Pet (OGP)	Lithuania									ISO 14001
57	Glanstoff Textilecord	Luxembourg									
58	Indorama Ventures Europe (IVE)	The Netherlands									ISO 14001
59	Wellman Recycling Spijk (WRS)	The Netherlands									
60	Indorama Ventures Poland (IVP)	Poland									
61	Indorama Ventures Quimica (IVQ)	Spain									
62	Indorama Ventures Portugal (IVPP)	Portugal									
63	Angol Russia	Russia									
64	Kordana Slovakia Fibers	Slovakia									
65	Indorama Ventures Corlu PET (IVCP)	Turkey									
66	Schoeller Austria - Wool	Austria									
67	Beverage Plastics (BPL)	UK									
68	Indorama Ventures Fibras Brazil - Fibers	Brazil									
69	Indorama Ventures Polimeros S.A. (IVPSA) PET	Brazil									
70	Indorama Ventures PTA Montreal (IVPTA)	Canada									
71	Indorama Ventures Polymers Mexico (IVPM)	Mexico									
72	Performance Fibers Mexico	Mexico									
73	UTT de México Technical Textiles - Fibers	Mexico									
74	Indorama ventures ECOMEX (IVEM)	Mexico									
75	Alphapet (Alphapet)	USA									
76	Auriga Polymers (Auriga)	USA									ISO 14001
77	FiberVisions Manufacturing (FV Mfg.) - Covington	USA									
78	FiberVisions Products (FV Products) - Athens	USA									
79	Polyamide High Performance (Polyamide)	USA									
80	Indorama Ventures (Oxide & Glycols) (IVOG)	USA									
81	Indorama Ventures Xylenes & PTA (IVXP)	USA									
82	Indorama Ventures Sustainable Solutions - Recycling	USA									
83	NOL - Feedstock	USA									
84	Angol USA Fibers	USA									
85	Winnboro	USA									
86	StarPet (STP)	USA									

* TLS 8001 (Equivalent to SA8000)

Not applicable

As of 30 September 2019

Current Certification Status



ISO	Description
ISO 9001:2015 Quality Management	<p>ISO 9001:2015 sets out the criteria for a quality management system and is the only standard in the family that can be certified (although this is not a requirement). It can be used by any organization, large or small, regardless of its field of activity. This standard is based on a number of quality management principles including a strong customer focus, the motivation and implication of top management, the process approach and continual improvement.</p> <p>https://www.iso.org/iso-9001-quality-management.html</p>
ISO 14001:2015 Environmental Management	<p>ISO 14001:2015 sets out the criteria for an environmental management system and can be certified. It maps out a framework that a company or organization can follow to set up an effective environmental management system. It can be used by any organization regardless of its activity or sector.</p> <p>https://www.iso.org/iso-14001-environmental-management.html</p>
ISO 50001 Energy Management	<p>ISO 50001 is based on the management system model of continual improvement also used for other well-known standards such as ISO 9001 or ISO 14001. This makes it easier for organizations to integrate energy management into their overall efforts to improve quality and environmental management.</p> <p>https://www.iso.org/iso-50001-energy-management.html</p>
ISO 45001/OSHAS 18001 Occupational Health and Safety	<p>ISO 45001 is a new ISO standard which being developed to replace OHSAS 18001. Companies must migrate to the new standard by March 2021.</p> <p>ISO 45001 / OSHAS 18001 will help organizations to improve employee safety, reduce workplace risks and create better, safer working conditions. It provides a robust and effective set of processes for improving work safety in global supply chains and is designed to help organizations of all sizes and industries.</p> <p>https://www.iso.org/iso-45001-occupational-health-and-safety.html</p>
ISO 22000 Food Safety Management	<p>ISO 22000 sets out the requirements for a food safety management system and can be certified. It maps out what an organization needs to do to demonstrate its ability to control food safety hazards in order to ensure that food packaging is safe. It can be used by any organization regardless of its size or position in the food chain.</p> <p>https://www.iso.org/iso-22000-food-safety-management.html</p>
EMAS	<p>The EU Eco-Management and Audit Scheme (EMAS) is a premium management instrument developed by the European Commission for companies and other organisations to evaluate, report, and improve their environmental performance. EMAS is open to every type of organisation eager to improve its environmental performance. It spans all economic and service sectors and is applicable worldwide.</p> <p>http://ec.europa.eu/environment/emas/index_en.htm</p>
OEKO-TEX Standard 100	<p>The STANDARD 100 by OEKO-TEX® is a worldwide consistent, independent testing and certification system for raw, semi-finished, and finished textile products at all processing levels, as well as accessory materials used. Examples of articles that can be certified: raw and dyed/finished yarns, woven and knitted fabrics, accessories, such as buttons, zip fasteners, sewing threads or labels, ready-made articles of various types (garments of all types, domestic and household textiles, bed linen, terry products and much more).</p> <p>https://www.oeko-tex.com/en/business/certifications_and_services/ots_100/ots_100_start.xhtml</p>
SA8000 Social Accountability Standard	<p>SA8000 measures social performance in eight areas important to social accountability in workplaces, anchored by a management system element that drives continuous improvement in all areas of the Standard.</p> <p>The Standard reflects labor provisions contained within the Universal Declaration of Human Rights and International Labour Organization (ILO) conventions. It also respects, complements and supports national labor laws around the world, and currently helps secure ethical working conditions for two million workers.</p> <p>http://www.sa-intl.org/index.cfm?fuseaction=Page.ViewPage&PageID=1689</p>
SEDEX The Sedex Members Ethical Trade Audit	<p>Sedex is a not for profit, membership organisation which is dedicated to driving improvements in ethical and responsible business practices in global supply chains. Through its secure online data base, Sedex shares ethical supply chain data so that brands and retailers can see how their suppliers are meeting their social and ethical responsibilities.</p> <p>SMETA (Sedex Members Ethical Trade Audit) is one of the most widely used social audit procedures in the world. It provides a globally-recognised way to assess responsible supply chain activities, including labour rights, health & safety, the environment and business ethics. SMETA is an audit methodology, providing a compilation of best practice ethical audit techniques. It is designed to help auditors conduct high quality audits that encompass all aspects of responsible business practice, covering Sedex's four pillars of Labour, Health and Safety, Environment and Business Ethics.</p> <p>https://www.sedexglobal.com/about-us/who-is-sedex/</p>
ISO 14064-1 Greenhouse Gas Management	<p>ISO 14064-1:2018 exists to help organizations report greenhouse gas emissions and removals. This standard defined clear reporting boundary and helpful recommendation to select emission factor as well as criteria to be considered for calculation of greenhouse gas emission and removal.</p> <p>https://www.iso.org/standard/66453.html</p>
IATF 16949:2016 International Automotive Task Force	<p>IATF 16949:2016 (replaces ISO/TS 16949:2009) is a standard that establishes the requirements for a Quality Management System (QMS), specifically for the automotive sector. The standard provides guidance and tools for companies and organizations who want to ensure that their products consistently meet customer requirements and that quality and customer satisfaction are consistently improved. The standard is based on seven Quality Management Principles, including a strong customer focus, the motivation and implication of top management, the process approach and continual improvement.</p> <p>https://quality-one.com/iatf-16949/</p>