Reliance
Industries Limited

Date: 10 November 2025

TO WHOMSOEVER IT MAY CONCERN

REGULATORY AFFAIRS AND PRODUCT STEWARDSHIP INFORMATION

POLYPROPYLENE REPOL H045SG

Good Manufacturing Practices

The product complies with the requirements of Regulation 2023/2006/EC (GMP) applicable to intermediate materials.

US FDA Food Contact

The grade and the additives incorporated in this grade comply with US FDA 21 CFR 177.1520 olefin polymers. Product meets the FDA criteria in 21 CFR 177.1520 for food contact applications. The grade is safe to use in contact with the type of raw and processed foods as mentioned in 21 CFR 176.170 Table 1- Type I, II, III, IV, V, VI, VII, VIII & IX. The grade also is safe to use under the listed conditions of use as mentioned in 21 CFR 176.170, Table 2- Conditions of Use A, B, C, D, E, F, G & H.

Antioxidants and/or stabilizers used in this grade comply to US FDA 21 CFR 178.2010.

European Commission Regulation (EU) No 10/2011 (Food Contact)

The grade conforms to EU Directive 1935/2004 on materials and articles intended to come into contact with food. The product complies with the requirements of Regulation EU/10/2011 and its subsequent amendments applicable to intermediate materials (Amendments applicable are 2025/351, 2023/1627, 2023/1442, 2020/1245, 2019/1338, 2019/988, 2019/37, 2018/831, 2018/213, 2018/79, 2017/752, 2016/1416, 2015/174, 865/2014, 202/2014, 1183/2012, 1282/2011, 321/2011).

The monomers and additives used to produce this product are listed in the Union List of Authorized Substances of Regulation EU/10/2011. The grade complies with the requirement of Overall Migration Limit (OML) of 60 mg/kg as mentioned in EU/10/2011.

IS Food Contact

The product is complying with Indian Standard IS 10910:1984 (reaffirmed version 2018) on “Specification for polypropylene and its copolymers for its safe use in contact with foodstuffs, pharmaceuticals and drinking water”.

The grade also conforms to IS 16738:2018 on “Positive list of constituents for polypropylene, polyethylene and their copolymers for its safe use in contact with foodstuffs and pharmaceuticals”.

The grade conforms to Overall Migration limit of 60 mg/kg as measured by IS 9845:1998 (reaffirmed version 2020) Determination of Overall Migration of Plastic materials and articles intended to come in contact with Food Stuff.

The grade Complies with FSSAI notification dated 24th December 2018 with respect to food safety and standards (Packaging) Regulation, version IV (Dated 09/09/2022).

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China Food Contact Compliance

The grade is compliant to subclauses 7.1, 7.9 of clause 7 – Raw and additional materials requirements of GB 31603-2015 National Food Safety Standard – General Hygienic Standard for Production of Food Contact Materials and articles. As per the subclauses, raw and additional materials comply with laws and regulations pertaining to food safety requirements. No unqualified raw and additional materials have been used to produce this grade.

The grade meets the requirements of Chinese "positive list" Food Standard GB 9685-2025 Hygienic standards for use of additives in food containers and packaging materials.

The grade meets the requirements of GB 4806.1-2016 National Food Safety Standard-General Safety Requirements for Food Contact Materials and Articles which are applicable to the product. The base resin in this product complies with the specifications established in GB 4806.7-2023 National food safety standard - Plastic materials and products for food contact.

German Food Contact Compliance

The grade conforms to BfR Recommendations on Food Contact Materials, Regulation VII Polypropylene.

Swiss Food Contact Compliance

The grade complies to Swiss Ordinance SR 817.023. 21 and subsequent amendments.

French Food Contact Compliance

The grade complies with French Decree No 2008-1469 (2008) which states that "at marketing stages other than sale or free distribution to the final consumer, materials and articles intended to come into contact with foodstuffs (that are not already covered by specific European Union measures)".

Latin America MERCOSUR Food Contact Status

The grade complies to MERCOSUR GMC resolution No. 56/92, GMC resolution no. 39/19 (supersedes the previous regulation on FCMs, GMC 32/2007), GMC Res. No. 03/1992, GMC Res. No. 02/2012.

SVHC Declaration

In accordance with **Article 59(1)** of the **REACH regulation EC/1907/2006**, ECHA identifies substances meeting the criteria referred to and cited in **Article 57** of the REACH regulation. This list, termed as the '**Candidate List of Substances of Very High Concern (SVHC) for Authorisation**' is updated and published by ECHA on its website in accordance with **Article 59(10)** of the REACH regulation at the following URL:

https://echa.europa.eu/candidate-list-table

The recent addition and update to this list is dated **5th November 2025 with 251 substances**.

We confirm that these substances are not present in more than 0.1% weight/weight in this grade as per the updated list published dated **5th November 2025**.

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Japan Food Safety Law

We confirm that as per the manufacturing process of the above grade, base polymer (monomers) and additives used are below the maximum level usage and are present in the positive list as per Appendix 1, Table 1(1): Base Polymer (Plastics) List and Appendix 1, Table 2: List of additives under Food Sanitation Act (Article 18, Section 1) under Japan Ministry of Health, Labour and Welfare (MHLW; 2020, Notification Number 370), as per the updated list dated November 2023 (2023; Notification number 324) comprising 827 substances and as per the amendments introduced in September 2024 which revise the usage provisions of 4 polymers in Table 1 and add 13 new additives to Table 2 of the FCM positive list, thus comprising 840 substances.

Canadian Food Packaging Regulations

The grade complies with the Canadian Division 23 Section B23.001 of the Food and Drugs Act and Regulations.

EU Directive - Packaging and Packaging Waste (EU/2025/40) and CONEG (Coalition of North-eastern Governors)

The grade conforms to EU/2025/40 (amending Regulation (EU) 2019/1020 and Directive (EU) 2019/904). This grade meets the requirement of absence of bisphenol A (BPA) and less than 100 ppm for total incidental Cadmium, Lead, hexavalent Chromium, and Mercury.

Restriction of Hazardous Substances (RoHS) Directive 2011/65/EU

The grade meets the requirements specified in EU directive 2011/65/EU, amended directive EU/2015/863 (RoHS 3), on the restriction of use of certain hazardous substances in electrical and electronic equipment.

We do not intentionally use or add any hazardous substances like Polybrominated biphenyl (PBB) or Polybrominated diphenyl ether (PBDE), benzyl butyl phthalate (BBP), dibutyl phthalate (DBP), bis-2-ethyl hexyl phthalate (DEHP), di-iso-butyl phthalate (DIBP), Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent Chromium (Cr^{6+}), and/or its compound.

The product also does not contain other phthalates like diisoheptyl phthalate (DIHP), diisononyl phthalate (DINP), n-pentyl-isopentyl phthalate (PIPP), etc.

ELV directive 2000/53/EC and its amendments

According to the formulation of this product, the quantity of Cadmium, Lead, Chromium, and Mercury is below the limits given in Annex II (Note) of 2005/673/EC. As per the regulation after shredding 80% of the material should be recyclable.

The grade is manufactured from petrochemical feedstocks and does not contain any recycled polymers. Products made out of the grade are 100% recyclable. The grade does not contain any polymer and/or additives that render it oxo – degradable and/or bio – degradable/bio – compostable.

Toy Standards

The grade conforms with EN 71-3:2019, ISO 8124-3:2020, Toy safety 2009/48/EC (Annexure II, Part III “Chemical Properties”) and Applicable Parts ANNEX XVII of REACH including Phthalates. We do not intentionally use or add any hazardous substance like Lead (Pb), Antimony (Sb), Arsenic (As), Barium (Ba), Chromium (Cr), Cadmium (Cd), Mercury (Hg), Selenium (Se) and/or its compound.

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Also, substances that are classified as carcinogenic, mutagenic, or toxic for reproduction (CMR) of category 1A, 1B or 2 under Regulation (EC) No 1272/2008 and all subsequent amendments up to EU 2024/2865 are not used in this grade.

California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

The grade complies to The Safe Drinking Water and Toxic Enforcement Act of 1986 (Health and Safety Code section 25249.5 et seq.), also known as Proposition 65 of the State of California. This is to certify that no substances present in the PROPOSITION 65 LIST OF CARCINOGENS OR REPRODUCTIVE TOXICANTS (updated: 3rd January 2025) are used in the manufacture of this grade. The list is published in Title 27, California Code of Regulations, section 27001, is provided here, and is available on the website of the Office of Environmental Health Hazard Assessment (oehha.ca.gov)

Cosmetics Regulation

The product does not contain any of the prohibited substance mentioned in Annex II/ III/ IV/ V/ VI of EU/1223/2009 and all subsequent amendments up to EU 2025/877.

Elemental Impurities

The elemental impurities/ toxic solvents listed in the USP/ ICH residual solvents & class 1, class 2A and 2B, class 3 elements are not detected in the product. Class 1 (As, Cd, Hg, Pb); Class 2A (Co, Ni, V); Class 2B (Ag, Au, Ir, Os, Pd, Pt, Rh, Ru, Se, Tl); Class 3 (Ba, Cr, Cu, Li, Mo, Sb, Sn).

Animal Derived Components (BSE) / (TSE) (EC 999/2001)

The above grade is neither derived from animal or human origin nor manufactured utilizing intermediates and / or auxiliary agents which are of animal or human origin. The grade does not contain Bovine Spongiform Encephalitis (BSE) and Transmissible Spongiform Encephalitis (TSE). Hence the issue of Animal Spongiform Encephalopathy does not arise.

Therefore, our product is in accordance with the current revision of note for guidance on minimizing the risk of transmitting animal spongiform encephalopathy agents via human and veterinary medicinal products (EMEA/410/01, rev.3- July 2011).

Nanomaterials

During the manufacture of this product, we do not intentionally add or use any natural or synthetically produced nanomaterial as per definition set in 2011/696/EU.

Regulation EU/2024/3190

This grade complies to regulation EU/2024/3190. Bisphenol A, BADGE (Bisphenol-A DiGlycidyl Ether), NOGE (Novolac Glycidyl Ethers), BFDGE (Bisphenol-F DiGlycidyl Ether) and any other Bisphenol substances/derivatives listed in Annexure-1 and Annexure-2 of this regulation have not been used in the manufacture or formulation of this grade.

BHT (butylated hydroxytoluene) (CAS no. 128-37-0) and BHA (butylated hydroxyanisole) (CAS no. 121-00-6 and 25013-16-5)

According to the recipe of the product BHT and BHA are not used in the manufacture of this product, (the statement is true based on the testing done from laboratory with limit of quantification- LOQ 0.1 ppm).

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Genetically Modified Organisms

Herewith, we confirm that above grade manufactured by RIL does not originate from / neither contain genetically modified organisms, in other words they are GMO-FREE.

MOSH-MOAH Declaration

This is to confirm that we do not add POSH, Mineral Oil Saturated Hydrocarbons (MOSH) or Mineral Oil Aromatic Hydrocarbons (MOAH) intentionally during the manufacturing of this grade.

Conflict Minerals

The grade does not contain conflict minerals- Cassiterite, Columbite-tantalite (coltan), Gold, Wolframite, Tin, Tantalum, Tungsten, which are from Democratic Republic of Congo or its adjoining countries Sudan, Uganda, Rwanda, Burundi, United Republic of Tanzania, Zambia, Angola. This grade is not intentionally formulated or manufactured using above listed conflict minerals as per section 1502 of the Dodd- Frank Wall Street Reform and Consumer Protection act (2010).

Ozone Depleting Chemicals (ODCs)

The ODCs listed in Annexes I and II of the Regulation EC/1005/2009 and subsequent amendments up to EU/2017/605, are not used in the manufacture of this product.

Biocidal Product Regulation EU/528/2012

The grade complies to EU/528/2012 and all its subsequent amendments up to EU/2024/1398. The grade does not contain biocidal product-types, and their descriptions referred to in article 2(1) and incorporated in Annexure-V of EU 528/2012 and there by classified into main group 1-4 and product types 1-22.

Persistent Organic Pollutants

The grade does not contain Persistent Organic Pollutants (POPs) listed under Stockholm Convention (Annexure A, B, C and candidate chemicals), Rotterdam Convention (Annexure III and candidate chemicals) & EU POPs Regulation (EU) 2019/1021 (Annexure I to IV) and all subsequent amendments up to EU 2025/1930.

The grade does not contain fungicides, preservatives, fumigants & pesticides as listed in CAN/CGSB-32.311.

Residual Monomer

As per testing, the following product does not contain residual monomer more than 100 ppm.

Food Allergens

The following list of allergens as per Annex II of Regulation (EU) No 1169/2011 and it's amendment up to EU 2024/2512 are not used in the manufacture of this product:

- Cereals containing gluten (i.e. wheat, rye, barley, oats, spelt, kamut or their hybridised strains) and products thereof
- Peanuts, peanut oil or any peanut product
- Tree nuts such as almonds, Brazil nuts, chestnuts, hazelnuts, hickory nuts, macadamia nuts, pecans, pine nuts, pistachios and walnuts, grains

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- Refined or unrefined oils
- Palm oil or Palm kernel oil or its derivatives or fraction
- Milk or milk products, dairy products, dairy derivatives, lactose with protein
- Eggs or egg products
- Soybeans, soy flour or any soy products
- Starch
- Sugars/ sweeteners: saccharin/ Aspartame/ Acesulfame potassium/ Hydrogenated glucose syrup/ Isomalt
- Fish or fish products, Shell fish, Crustaceans and Bivalve molluscs
- Yeast/ Yeast extracts
- Mustard and products thereof
- Sesame seeds and products thereof
- Molluscs or mollusc products
- Food colours
- Celery or celery products, Wheat or wheat products, Seeds or seed products, grains
- Aspartame
- Monosodium glutamate (MSG)
- Caffeine
- Hydrogenated vegetable protein (VHP)
- Lupin or lupin products
- Calamus/ calamus oil
- Cinnamon/ cinnamyl alcohol
- Citral/ citronellol
- Cocoa and cocoa derivatives
- Coumarin
- D/ L Limonene
- Eugenol
- Farnesol
- Isoeugenol
- Mesylate salts
- Nucleotides: E627 Disodium Guanylate/ E631 Disodium Inosinate/ E635 Disodium 5'-Ribonucleotides
- Preservatives (including Benzoate/ Parabens/ Sorbates)

Halal and Kosher Compliance

We hereby confirm that the above grade does not contain added ethyl alcohol, and ethyl alcohol, in whatsoever form or application, has not been intentionally or non – intentionally used in the manufacturing process of the grade. The grade does not contain any ingredient of pork origin. The grade does not contain any ingredient from bovine, porcine, ovine, caprine, fish, poultry, insect and/or human origin. No enzymes have been used in the manufacturing of the above – mentioned grade. Further to this, the constituents of the grade, equipment, machinery, manufacturing auxiliaries used for the manufacture of the said grade have not come in contact with any non – vegetarian sources. All the possibilities of cross contamination from any non – vegetarian sources are eliminated in the manufacturing of the said grade. Thus, the grade is Halal and Kosher compliant.

Substances and Chemicals

Following substances have not been used intentionally in the manufacture or formulation of this product, however we have not analysed these substances or compounds:

- DMF (dimethyl fumarate)
- Triclosan (2,4,4'-trichloro-2'-hydroxydiphenyl ether)
- 2-(2H-1,2,3-Benzotriazol-2-yl)-4,6-di-tert-butylphenol
- 2-Mercaptobenzothiazole (MBT)
- Polycyclic Aromatic Hydrocarbons (PAHs)
- 1,2-dihydro-acenaphthene
- Acenaphthylene
- 9H-fluorene and anthracene
- Benz(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(e)pyrene
- Benzo(ghi)perylene
- Benzo(k)fluoranthene
- Chrysene
- Dibenz(a,h)anthracene
- Fluoranthene
- Fluorine
- Indeno(1,2,3-cd) pyrene
- Naphthalene
- Phenanthrene
- Pyrene
- Benzo(j)fluoranthene
- Organo-tin Compounds: Tributyl-tin (TBT), di-butyl tin (DBT), monobutyl-tin (MBT) or any other organo-tin compound
- Acrylamide, Acrylonitrile & Polyacrylonitrile (PAN)

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- Aniline
- Aromatic Amines
- Asbestos
- Atrazine
- Barium
- Benzene
- Benzofuranes - Flame Retardants
- Benzophenone
- Benzyl alcohol
- Bisphenol-A, B, F, S
- Chlorine, Bromine
- Chlorofluorocarbon (CFC)
- Cobalt
- Copper
- Dioxins
- Ethyl alcohol
- Halogenated Flame Retardants
- Indium
- ITX Photoinitiators
- Lithium
- Melamine
- Mercury
- Molybdenum
- Naphthalene
- N-Nitrosamines and N-Nitrosatables Tris(4- nonylphenyl, branched and linear) phosphite (TNPP), 4-Nonylphenol (4NP) and nonylphenol ethoxylates
- Nickel
- Osmium
- Palladium
- Paraben
- Plasticisers
- Platinum
- Polynuclear aromatic hydrocarbons (PNA)/ Polycyclic Aromatic Hydrocarbons (PAH)
- Per- and polyfluoroalkyl substances (PFAS), Perfluorooctanesulfonic acid (PFOA) and Perfluorooctane sulfonate (PFOS) and their derivatives
- Polybrominated Terphenyls (PBTS)
- Recycled materials
- Radioactive substances
- Rhodium
- Ruthenium
- Silicone
- Silver
- Styrene and polystyrene
- Sulphur
- TAA adhesion promoters
- Thallium
- Vinyl Chloride monomer, Polyvinyl chloride (PVC), PVDC and copolymers
- Natural rubber latex, natural rubber or synthetic Latex
- Nitrile rubber
- Chloroprene rubber
- Pyridine
- Gamma Picoline
- Beta Picoline
- Morpholine
- Selenium
- Sodium Sulphide
- Potassium Carbonate Acetone
- Phosphorous Trichloride
- Phosphorous Pentachloride
- Phosphorous Oxychloride
- Hydrogen Peroxide
- Sodium Formaldehyde Sulphoxylate
- Sodium Tripolyphosphate
- Sulphur dioxide and sulphite
- Precipitated Barium Carbonate
- Ethylene oxide
- Propylene oxide
- Polycarbonate
- Acrylonitrile Butadiene Styrene (ABS)
- Styrene acrylonitrile resin (SAN)
- Polyoxymethylene (POM)
- Volatile Organic Compounds (VOC)
- Methylmethacrylate (MABS)
- Rigid aminoplast thermosets like UF, MUF, PF etc.
- 2,4-pentanedione
- 2-ethylhexanoic acid
- 2-phenylphenol
- 4-methylbenzophenone
- 4,4'-Bis(diethylamino)benzophenone (DEAB)
- Alkylphenols and alkylphenol ethoxylates
- Anthraquinone
- Mica
- Azo colorants/pigments
- Azodicarbonamide
- Benzene
- Benzophenone
- Chlorinated Solvents
- Chlorobenzenes
- Chlorophenols
- "Colourants based on and compounds of antimony, arsenic, cadmium, chromium (VI), lead, mercury, selenium
- Epoxy silanes including GLYMO and GLYEO

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- Ethyleneimine (=aziridine)
- Glycol ethers of E list and the beta-isomers of the P list including their acetates
- Hydroquinone
- Isopropyl-thioxanthon; (2-ITX & 4-ITX isomers)
- Linear Alkylbenzenes, defined as benzene with linear alkyl (C10-C13) chain
- Michler's ketone
- Nonylphenols (linear and branched nonylphenols)
- Novolac glycidyl ether (NOGE)
- Organotin compounds
- Perchloric acid
- Perfluorooctanes (and their salts)
- Polystyrene (PS)
- Recycled paper
- Rhodamine derivates - based pigments
- Semicarbazide
- Sulfonamide type plasticisers (e.g. NETSA)
- Titanium diisopropoxide bis(acetylacetonate); (Titanium acetylacetonate (TAA)
- Toluene
- Tris(nonylphenyl)phosphite (TNPP)
- Wax
- Odor causing substances
- Hazardous Air Pollutants – Section 112(b) of the US Clean Air Act
- Jatropha Oil
- Tertiary Butylhydroquinone (TBHQ)
- Stearic acid
- Ethylene-vinyl acetate (EVA)
- 1,3-benzenediol (resorcinol)
- Vinyl acetate
- Carrageenan
- Chemicals listed in Montreal Protocol
- Butane
- Chemicals listed in Japanese act on regulation of manufacturer and Evaluation of chemicals
- Chemicals listed in Japanese act on the prohibition of chemical weapons and regulation of specific chemicals
- Chemicals listed in Japanese Poisonous and deleterious substance control act
- Epoxy derivatives
- Plant derived substance
- Skin sensitizers
- Halogenated phenols and its derivatives
- Titanium dioxide (TiO_2)
- Poly(chlorotrifluoroethylene) (PCTFE)
- Epoxidized Soyabean Oil (ESBO)
- Urea
- Siliconizing agents
- Tris(chloropropyl) phosphate (TCPP)
- Octamethylcyclotetrasiloxane (D4)
- Dodecamethylcyclopentasiloxane (D5)
- Decamethylcyclohexasiloxane (D6)
- PFHxA (perfluoro hexanoic acid) and its Salts
- Tris(1,3-dichloro-2-propyl) phosphate (TDCPP)
- Tris(2-carboxyethyl) phosphine (TCEP)
- Nitrocellulose
- Triethyl phosphate (TEP)
- Triphenyl phosphate (TPhP)
- Tri-*n*-propyl phosphate (TPP)
- Tri-*n*-butyl phosphate (TBP)
- Tris (1-chloro-2-propyl) phosphate (TCIPP)
- Phenolic benzotriazole
- Graphite
- Phthalic acid
- Disperse dyes
- Octane
- Decane
- 2,2,4,6,6 Pentamethyl
- Heptane
- Dechlorane Plus
- UV-328
- 2,4-xylidine
- Terephthalic acid
- Methyl acrylate
- Ethyl acrylate
- Benzogunamine
- Polyhydroxyalkanoates
- polylactic acid
- triphenyl tins (TPTs)
- Decabromodiphenyl ethane
- Gum rosin/Colophony
- NEPhA (N-Nitroso-N-ethylaniline)
- NMOR (N-Nitrosomorpholine)
- NDBzA (N-methyl-N-nitrosoaniline)
- NMPhA (N-Nitrosomethylphenylamine)
- NDiNA (N-Nitroso-N,N-di-(7-methyloctyl)amine)
- NDMA (N-Nitrosodiméthylamine)

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- NDPA (N-Nitrosodipropylamine)
- NDiBA (N-Nitrosodiisobutylamine)
- NPYR (1-Nitrosopyrrolidine)
- NDPHA (N-Nitrosodiphenylamine)
- Triethanolamine (TEA)
- Cocamide
- Diethanolamine (DEA)
- 2,4 Dimethyl-6-tertiary-butylphenol
- Butadiene
- Diaminiostilbene (and Its Derivatives)
- Glyoxale
- Nylon
- Organic Peroxides
- Phosgene (Carbonyl Chloride)
- Tricresyl Phosphate
- Samarium
- Gadolinium
- Terbium
- Dysprosium
- Lutetium
- Scandium
- Yttrium
- Butene and isomers of butene
- Octene and isomers of octene

Following solvents are not present in the above-mentioned product:

- Isopropyl acetate
- Methyl Ethyl Ketone (MEK)
- N-propyl acetate
- Diethyl ether
- Ethyl formate
- Methyl formate
- Tert-butyl methyl ether
- Methyl-1-propanol
- Isobutyl acetate
- p-xylene
- m-xylene
- o-xylene
- Isoamyl acetate

***Disclaimer**: The declarations given above are applicable to the material as it leaves the RIL production facilities and does not include any substance subsequently added by the converter or any other agency. As the conditions of usage at the customer's place are beyond the control of RIL, Customers are advised to make their own decision regarding their use of our grade is safe, lawful, and suitable for the intended applications.*

(Computer generated statement, hence does not require any signature)