

NIDEC-SHIMPO CORPORATION

CERTIFICATE OF ROHS COMPLIANCE

According to directive 2011/65/EU

2-5-2014

This document certifies that materials specified by RoHS as hazardous, are not included in our planetary gearbox product line. If they are included, the amounts are within allowable concentration and do not exceed the Maximum Control Value.

1. Corresponding products or components (after July 1st 2005's shipment)

Product
VR/EV Series Planetary Gearboxes

2. Subjected RoHS directives

- a) Directive 2011/65/EU of the European Parliament and of the council of the 8th of June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.
- b) Other regulations beside above mentioned directive.

3. Hazardous materials specified by RoHS and its allowable concentration

Hazardous Items	Maximum Concentration	
Cadmium	0.01wt% (100ppm)	
Lead	0.1wt% (1000ppm)	
	Alloy	Steel 0.35wt%
		Aluminum 0.4wt%
		Copper 4wt%
Mercury	0.1wt% (1000ppm)	
Hexavalent Chromium	0.1wt% (1000ppm)	
Polybrominated biphenyls (PBB)	0.1wt% (1000ppm)	
Polybrominateddiphenyl ether (PBDE)	0.1wt% (1000ppm)	

4. Observation of RoHS directive

All exceptions are based on RoHS directive.



承認	検定	作成