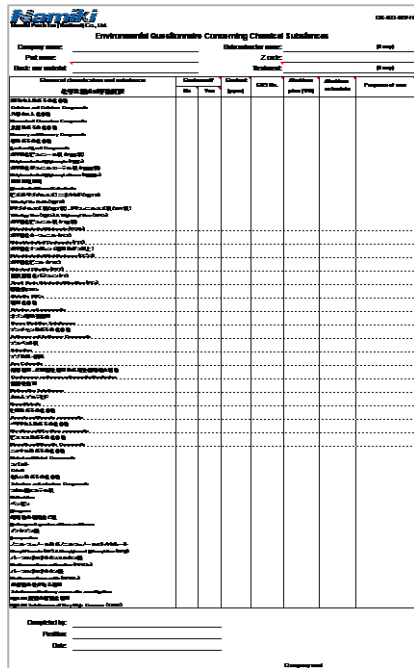
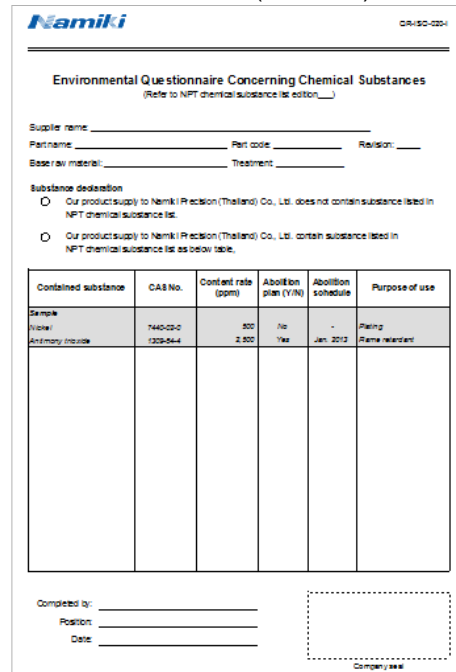


Brief of changes in NPT Green procurement guideline (version 7)

a) Change the format of environmental questionnaire concerning chemical substances (FORM 2) from revision H to revision I.



The old questionnaire format (FORM 2) is a dense table with many rows and columns. The columns include 'Chemical substance name', 'CAS No.', 'Content rate (ppm)', 'Abolition plan (Y/N)', 'Abolition schedule', and 'Purpose of use'. The rows list various chemical substances, many with their CAS numbers and content rates.

The new questionnaire format (FORM 2) is a simplified table with fewer rows and columns. The columns include 'Contained substance', 'CAS No.', 'Content rate (ppm)', 'Abolition plan (Y/N)', 'Abolition schedule', and 'Purpose of use'. The rows list various chemical substances, many with their CAS numbers and content rates.

Contained substance	CAS No.	Content rate (ppm)	Abolition plan (Y/N)	Abolition schedule	Purpose of use
Sample					
Stearic	7440-20-0	300	No	-	Plating
Antimony trioxide	1309-34-4	2,000	Yes	Jan. 2013	Same material

- The supplier has to review their material composition based on NPT chemical substance list version 7 and fill out the contained substance in the questionnaire format.
- The new questionnaire will be started using with parts of new model, changed parts.

b) Change the chemical standard and threshold level as below table,

No.	Substance group	Current (6th edition)	New (version 7)
1	Tributyl Tin Oxide (TBTO), Tributyl Tins (TBTs) and Triphenyl Tins (TPTs)	Define substance group as "Tributyl Tin Oxide (TBTO), Tributyl Tins (TBTs) and Triphenyl Tins (TPTs) "	- Expand the substance group to cover Organic tins compound (Refer to NPT substance list) - <u>Threshold level</u> : Prohibited in all applications as intentionally added.
2	Aliphatic CHCs	<u>Threshold level</u> Banned in all applications.	<u>Threshold level</u> Change to: Content in application is less than 0.09% by weight of homogenous material
3	Asbestos and Azo colorant & pigment	<u>Threshold level</u> Banned in all applications.	<u>Threshold level</u> Add: Prohibited in all applications as intentionally added.
4	Formaldehyde	<u>Threshold level</u> Banned in all applications.	<u>Threshold level</u> Change to: Prohibited in applications where surface are intended to come into direct and prolonged contact with human skin.
5	Arsenic and compounds	<u>Threshold level</u> Content in all applications is less than 0.1% by weight of homogenous material	<u>Threshold level</u> Add: 1) Content in all applications is less than 0.1% by weight of homogenous material 2) Prohibited in all applications as intentionally added.
6	Nickel and compounds	<u>Threshold level</u> 1) Surface treatment concentration shall be ≤ 1000 ppm. 2) And Any content of nickel in alloy must be reported.	<u>Threshold level</u> Change to: 1) Prohibited in applications where surface are intended to come into direct and prolonged contact with human skin. 2) Any content of nickel in alloy must be reported.
7	Perfluorooctane sulfonates (PFOSs)	<u>Threshold level</u> Content in all applications is less than 0.005% by weight of homogenous material	<u>Threshold level</u> Add: 1) Content in all applications is less than 0.005% by weight of homogenous material 2) Prohibited in all applications as intentionally added.

c) Update new chemical in the **NPT chemical substance list** from the 6th edition to version 7.