

**KES**

Testing Method of  
CZ Coated Products

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## 1. Scope of application

This standard shall specify the test method of CZ coated products processed for the corrosion protection on the metal surface of vehicle parts.

## 2. Sampling

- (1) Sampling test products : The sample is randomly sampled from the lot of the same products and the quantity of the sample is determined by the agreement between our company and a maker. And the test products should be the ones over 48 hours elapsed after production.
- (2) Pre-treatment of test products : The test products are to be wiped with a neat cloth after decontaminating various pollutants prior to the test by using alcohol or benzene, acetone.

## 3. Test method

3.1 Visual inspection : Carry out this test under the source of bright light (More than 300 lux) on the swollen surface of metal, irregular color, severe cohesion, damage of iron-plated surface prior to pre-treatment of test products of the 2.2(2) clause.

### 3.2 Adhesion weight test

Adhesion weight is measured by weight method.

The adhesion weight of coated parts after CZ plating is measured before coating.

#### 3.2.1 Weighing method

- (1) After measuring the surface area of the sample<sup>(1)</sup> and wiping with alcohol or acetone, weigh about 50 ~ 100 g of the dried sample on a scale (Measure by the unit of 0.001 g).

(Indicated as A ( g ) )

- (2) After heating the sample of the (1) clause for about 1 ~ 5 minute in 20 % sodium hydroxide, completely dissolve and remove coated tunic.<sup>(2)</sup>