



No. 2024-001716-01-2

# 안전인증서

## Certificate of Safety

Conax Technologies LLC

2300 Walden Ave., Buffalo, New York 14225, United States of America

The following product manufactured by the above company has been authorized for the use of safety certification mark as the product has satisfied the safety and health requirements under Article 84 of OCCUPATIONAL SAFETY AND HEALTH ACT and paragraph 1 of Article 110 of ENFORCEMENT ORDINANCE OF the same ACT.

### Electrical Equipment

Thermocouple Assemblies

### Model(Marking) / Certificate No.

10-3637-\*\*\*, 10-407\*-001(Ex ec IIC T6...T2 Gc) / 23-KA4BO-0790X

### Applied standards

Announcement No. 2021-22 of Ministry of Employment and Labor

### Conditions of Certification

#### 1. Manufacturing location(s)

·This certificate is valid only for the specified products produced at '2300 Walden Ave., Buffalo, New York 14225, United States of America'.

#### 2. Description of equipment

·Thermocouple assemblies for in Siemens turbines consists of two thermocouples with with hart connectors.

·Electrical rating: Max. 50 mV

·Ambient temperature:  $-20\text{ }^{\circ}\text{C} \leq T_a \leq +80\text{ }^{\circ}\text{C}(T6)$ ,  $+95\text{ }^{\circ}\text{C}(T5)$ ,  $+130\text{ }^{\circ}\text{C}(T4)$ ,  $+195\text{ }^{\circ}\text{C}(T3)$ ,  $+200\text{ }^{\circ}\text{C}(T2)$

#### 3. Scope of certification: This certificate is valid only for the models as below.

·10-3637-011/051/061, 10-4071-001, 10-4072-001, 10-4073-001

#### 4. Special conditions for safe use

·The equipment shall be protected from risk of mechanical impact either by installation or other suitable means such as enclosures, or mechanical guards.

·Separate only in a non-hazardous area.

·Do not connect or disconnect when energized.

·See Specific Conditions of Use in the related IECEx certificate (IECEx CSA 19.0002X issue No.3) for the details.

#### 5. Details of certificate changes: None

#### 6. Details of the others

·Manufacturer shall take the responsibility including maintaining quality requirements for the certified products, receiving factory surveillance and informing any changes to the certified products.

·This certificate shall be used with the related IECEx certificate (IECEx CSA 19.0002X issue No.3).

Date of Issue: 2023-12-20

한국산업기술시험원장  
KOREA TESTING LABORATORY





No. 2024-001716-01-1

# 안전인증서

## Certificate of Safety

Conax Technologies LLC

2300 Walden Ave., Buffalo, New York 14225, United States of America

The following product manufactured by the above company has been authorized for the use of safety certification mark as the product has satisfied the safety and health requirements under Article 84 of OCCUPATIONAL SAFETY AND HEALTH ACT and paragraph 1 of Article 110 of ENFORCEMENT ORDINANCE OF the same ACT.

### Electrical Equipment

Thermocouple Assemblies

### Model(Marking) / Certificate No.

10-3995-\*\*\*, 10-4066-\*\*\*, 10-4069-001, 10-4070-001

(Ex ec IIC T6...T2 Gc) / 23-KA4BO-0789X

### Applied standards

Announcement No. 2021-22 of Ministry of Employment and Labor

### Conditions of Certification

#### 1. Manufacturing location(s)

·This certificate is valid only for the specified products produced at '2300 Walden Ave., Buffalo, New York 14225, United States of America'.

#### 2. Description of equipment

·Thermocouple assemblies for in Siemens turbines consists of two thermocouples with wiring compartment enclosure.

·Electrical rating: Max. 50 mV

·Ambient temperature:  $-20\text{ }^{\circ}\text{C} \leq T_a \leq +80\text{ }^{\circ}\text{C}$ (T6),  $+95\text{ }^{\circ}\text{C}$ (T5),  $+130\text{ }^{\circ}\text{C}$ (T4),  $+195\text{ }^{\circ}\text{C}$ (T3),  $+260\text{ }^{\circ}\text{C}$ (T2)

#### 3. Scope of certification: This certificate is valid only for the models as below.

·10-3995-022/023/024, 0-4066-001~006, 10-4069-001, 10-4070-001

#### 4. Special conditions for safe use

·The equipment shall be protected from risk of mechanical impact either by installation or other suitable means such as enclosures, or mechanical guards.

·Separate only in a non-hazardous area.

·Do not connect or disconnect when energized.

·See Specific Conditions of Use in the related IECEx certificate (IECEx CSA 19.0002X issue No.3) for the details.

#### 5. Details of certificate changes: None

#### 6. Details of the others

·Manufacturer shall take the responsibility including maintaining quality requirements for the certified products, receiving factory surveillance and informing any changes to the certified products.

·This certificate shall be used with the related IECEx certificate (IECEx CSA 19.0002X issue No.3).

Date of Issue: 2023-12-20

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## 안전인증을 받은 자의 유의사항 [Notification for recipient (certification holder)]

1. 본 인증서는 기재된 사업장에서 생산된 제품으로서 적용된 안전인증기준에 적합한 경우에 한하여 유효합니다. (This certificate is valid only when the product is suitable for the applied safety certification criteria and is manufactured from the manufacturing location that is stipulated on this certificate)
2. 안전인증을 받은 자가 다음 각 호의 어느 하나에 해당하면 인증정지 및 취소의 사유가 됩니다. (If a person who has received safety certification falls under any of the following subclause, this safety certification may be suspended or cancelled)
  - 1) 거짓이나 그 밖의 부정한 방법으로 안전인증을 받은 경우 (In case of being certified in false or other improper ways)
  - 2) 안전인증을 받은 안전인증대상 기계기구등의 안전에 관한 성능 등이 안전인증기준에 맞지 아니하게 된 경우 (In the case that the properties of the product for which safety certification has been received are not suitable for the safety certification criteria)
  - 3) 정당한 사유 없이 확인심사를 거부, 기피 또는 방해하는 경우 (In case of refusing, avoiding or disturbing regular surveillance audit without a justifiable reason)
3. 다음과 같은 사유가 발생할 경우에는 안전인증기관에 안전인증 변경 신청을 하여 안전인증서를 재교부 받아야 합니다. (In the case of the following subclauses, the revision of the safety certification shall be applied to the safety certification body and the safety certificate shall be reissued)
  - 1) 인증서의 분실 또는 훼손 (Losses or damages to this certificate)
  - 2) 제조자, 주소, 인증조건 등 인증서 기재사항의 변경 (Changes of stated items in the certificate such as manufacturer's name, manufacturer's address, certification conditions, etc)
4. 안전인증을 받은 자는 다음 사항을 이행해야 합니다. (The recipient of safety certificate (certification holder) shall comply with the following subclauses)
  - 1) 안전인증표시 등 인증요건의 유지관리 (Maintenance control of the certification requirements such as a safety certification mark)
  - 2) 안전인증을 받기 이전 또는 정지, 취소된 이후 생산된 제품에 안전인증표시를 하면 법에 의거 처벌을 받게 됩니다. (It will be punished by the ACT if the safety certification mark is used before issue of the safety certification or after suspension or cancellation of the safety certification)
5. 안전인증을 받은 자는 산업안전보건법 제84조제4항 및 동법 시행규칙 제111조에 따라 정기적인 확인심사를 받아야 합니다. (The recipient of the safety certification (certification holder) shall receive a regular surveillance audit under Paragraph 4 of Article 84 of OCCUPATIONAL SAFETY AND HEALTH ACT and Article 111 of ENFORCEMENT ORDINANCE in the same ACT)

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