



제15-0671호

# 안 전 인 증 서

## Peppers Cable Glands Limited

Stanhope Road, Camberley, Surrey GU15 3BT, United Kingdom

위 사업장에서 제조하는 아래의 품목이 「산업안전보건법」 제34조 및 같은 법 시행규칙 제58조의4제4항에 따른 안전인증 심사 결과 안전·보건기준에 적합하므로 안전인증표시의 사용을 인증합니다.

————— 품 목 —————

Cable Gland

————— 형식 · 모델 / 용량 · 등급 / 인증번호 —————

형식·모델	용량 · 등급	인증번호
CR-O***	Entry Thread Size : M20 to M100 Ex e IIC	15-GA4BO-0671X

————— 인 증 기 준 —————

방호장치 의무안전인증 고시(고용노동부고시 제2013-54호)

————— 인 증 조 건 —————

뒷면 참조

2015 년 09 월 23 일

한국가스안전공사 사장





# 인 증 조 건

## 1. 제조공장

Stanhope Road, Camberley, Surrey GU15 3BT, United Kingdom에 위치한 Peppers Cable Glands Limited 에서 생산한 제품 중 아래 인증범위의 제품에 한함.

## 2. 제품개요

The type CR-O\*\*\* Cable Glands are used with armoured, non-lead sheathed cables. They are formed by removing inner sealing ring and its associated skid washer from the Type CR-\*\*\* cable glands, in addition these glands are fitted with an O-ring entry body seal. The Type CR-O\*\*\* Cable Glands are available with ISO metric entry threads of M20 to M100 (alternative thread forms are available in equivalent sizes) in cable gland sizes 16 through to 100, they can be made from either brass (B) or stainless steel (S) and fitted with an optional reduced bore outer seal (R).

## 3. 인증범위

품목 명: Cable Gland

모델 명: CR-O\*\*\* (동일형식일람표 참조)

## 4. 안전한 사용을 위한 조건

- 가. The CR-\*\*\* and CR-D\*\* ranges of cable glands are certified with one specific size of FLP sealing ring per gland size as supplied.
- 나. The ranges of cable glands shall not be used in enclosures where the temperature, at the point of entry/mounting is outside the range:
  - 35°C to +90°C for neoprene (black) seal variants
  - 60°C to +180°C for the silicone (white or red) seal variants
- 다. If the CR-\*\*\* and CR-D\*\* types of cable glands only grip the outer sheath of the cable and do not clamp the cable armour or if they are used to terminate unarmoured, braided or screened cables, then they shall only be used for fixed installations, hence, the cables shall be effectively clamped to prevent pulling or twisting.
- 라. The CR-\*\*\* and CR-D\*\* cable glands, when installed in accordance with the manufacturer's instructions and with an appropriate enclosure on which they are fixed, are capable of providing an ingress protection of IP66 and IP68 (50 metres 7 days).
- 마. The CR-O\*\*\* range of cable glands, when installed in accordance with the manufacturer's instructions and with an appropriate enclosure, on which they are fixed, are capable of providing an ingress protection of IP66.
- 바. Where glands without sealing rings are installed in protection by enclosure (Ex t) equipment for use in explosive dust atmospheres, they may only be fitted into enclosures offering a minimum of 5 full threads, in accordance with IEC 60079-31:2008 clause 5.1.1.

## 5. 인증(변경)사항

## 6. 그 밖의 사항

안전인증품의 품질관리, 확인심사 수검, 변경사항 신고 등 인증 받은 자의 의무 준수

【별지 제4호서식】

## 동 일 형 식 일 람 표

사업장명	Peppers Cable Glands Limited	인증번호	15-GA4BO-0671X
모델명 : C R - O * * *			
1 B R			
3 S			
동일형식 내역	1	Neoprene Seal	
	3	Silicone Seal	
	B	Brass material	
	S	316 Stainless Steel material	
	R	Reducer Bore option	