NightSearcher
Trusted worldwide since 1989

INTRINSICALLY SAFE LIGHTING RANGE

IEC IECEx | Ex | CSA us | RoHS | UL us | CE

SAFE • PORTABLE • RECHARGEABLE • AC MAINS

NightSearcher
Trusted worldwide

We are now in our 28th year designing and manufacturing portable rechargeable lighting systems. Our main objective is to offer high quality, reliable, innovative products utilising constantly evolving technologies.

Nightsearcher have been trusted to illuminate the most hazardous and hostile working environments. The ATEX mark signifies that equipment is suitable for use in hazardous environments with a potentially explosive atmosphere, so you can be assured that the products you buy from us are completely safe and have undergone rigorous testing and carry the necessary ATEX certification and labelling.

Colin Howard Managing Director

UKAS registered certification to ISO 9001:2008.

NightSearcher began manufacturing lighting systems in 1989 and have continued producing these from our UK head office in Portsmouth, UK

All new products are designed to minimise our impact on the environment.

Achilles® Supplier Number: 713731

INDEX

SAFETY STANDARDS

IEC IECEx Ex CSA C US RoHS c UL us CLASSIFIED CE

ATEX
FLOODLIGHTS

- **POWERFUL**
- **LIGHTWEIGHT**
- **COMPACT**
- **10 HOURS RUNTIME**
- **IDEAL FOR CONFINED SPACES**

NSEX1000R

NSEX1000R-MAG

Carry handle for easy transportation

Magnetic Feet

| 10W 1265 LUMENS | 10m METRE BEAM RANGE | IP66 | GAS ZONES 1 + 2 | DUST ZONES 21 + 22 | 10HRS RUN TIME | Powered by Rechargeable LI-ION Technology |

IEC IECEx RoHS Ex CE

Key features:
- Intrinsically safe LED floodlights for use in Zone 1 • 2 • 21 • 22 hazardous areas
- Explosion proof
- High powered SEOUL LED, 10W
- Charging time: 7hrs
- Running time: 10hrs
- Battery: 6.6Ah Lithium-ion
- Design to meet IP66, IK08
- Easy to use, maintenance free
- **Applications - Aircraft Maintenance, Sewers, Tank cleaning, Petrochemical**

ATEX Certification:
NSEX1000RII 2 G D Ex d IIC T6 Gb | II 2 G Ex tb IIIC T80°C Db

210

282

5.31 KG
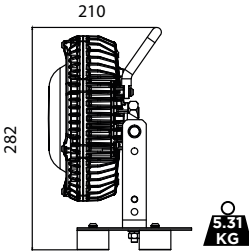
PRODUCT CODE	
NSEX1000R	With Stand
NSEX1000R-MAG	Magnetc Stand

EXFLOOD120 NEW Portable Atex Zone 2 + 22 Floodlight

NightSearcher

- **EXPLOSION PROOF**
- **LONG RANGE FLOODLIGHT**
- **ROBUST CONSTRUCTION**
- **43M BEAM RANGE**
- **SHOCK + VIBRATION RESISTANCE**

High Powered OSRAM LED

0-360° Adjustable Brackets Available

120W 11352 LUMENS | 43m METRE BEAM RANGE | IP66 | GAS ZONES 2 | DUST ZONES 22
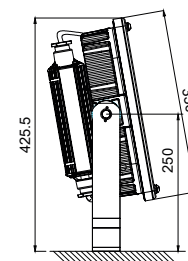
RoHS ⟨Ex⟩ CE

Key features:
- Intrinsically safe LED floodlight for use in ATEX Zone 2 & 22 hazardous areas.
- Explosion proof
- High strength Aluminium housing
- Ultra bright high power OSRAM LED light output, 120W
- AC 100-277V, 50/60HZ
- Easy to use, maintenance free
- Shock and vibration resistant tempered glass
- **Applications - Gas Stations, Manufacturing Plants, Sewage Plants, Garages**

⟨Ex⟩ **ATEX Certification:**
II 3 G Ex nR IIC T5 or T6 Gc | II 3 G Ex tc IIIC T95°C or T85°C Dc

425.5 | 336 | 250

PRODUCT CODE
NSEXFLOOD120

10.4 KG

UK: sales@nightsearcher.co.uk +44 (0)23 9238 9774 www.nightsearcher.co.uk | **EUROPE:** exportsales@nightsearcher.com +48 61 660 46 56 www.nightsearcher.com

EXTINTOR
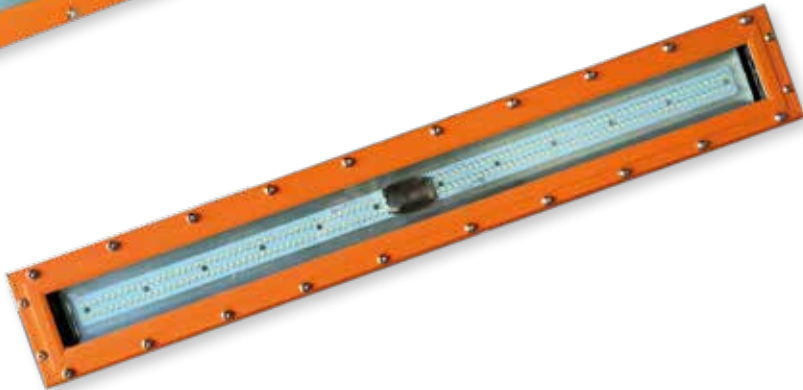
PLANTA
CONCENTRADOR

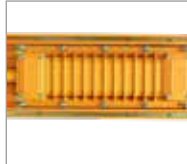**Available with Integrated 3 hour Emergency Operation from integral battery pack**
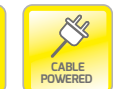
600mm 36W
36W/5W (Emergency)

900mm 56W
56W/5W (Emergency)

Optional brackets available

High Powered SEOUL LED

Copper-Free Aluminium enclosure

4554 7084 LUMENS | Intergrated **3hr** Emergency Operation | **IP66** | GAS ZONES 1 + 2 | DUST ZONES 21 + 22 | CABLE POWERED

IEC | IECEx | RoHS | Ex | CE

Key features:
• Intrinsically safe LED floodlights for use in Zone 1 • 2 • 21 • 22 hazardous areas
• Explosion proof
• High strength Aluminium housing
• Optional 3 hour Emergency Operation, 12 hour charge time
• Anti-glare, Ultra bright high power SEOUL LED light output
• Normal type: AC100-277V/ AC/DC24-48V/ DC10-30V
• Emergency type: AC100-277V, AC200-277V
• Industrial aluminium alloy housing, high performance anti impact
• Shock and vibration-resistant, tempered glass lens and housing
• **Applications - Petroleum Industry, Metallurgical + Power Generator Industry**

ATEX Certification:
II 2 GD Ex d eb IIB T6 Gb | Ex tb III T80°C Db

600
85
136
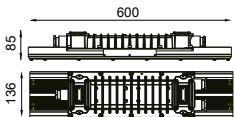
PRODUCT CODE	INFO
NSEXLINEAR4500	-
NSEXLINEAR4500E	EMERGENCY

6.8 KG

900
85
136
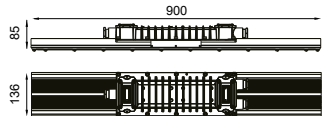
PRODUCT CODE	INFO
NSEXLINEAR7000	-
NSEXLINEAR7000E	EMERGENCY

9.1 KG

ATEX
FLASHLIGHTS

EX160R **NEW** Rechargeable Portable Atex Zone 1 • 2 Flashlight

NightSearcher

- **3 LIGHT MODES**
- **UP TO 18 HOURS RUNTIME**
- **ROBUST CONSTRUCTION**
- **200M BEAM RANGE**
- **COMPACT**

Front Spot Light

Rear Torch Light

High Strength
Aluminium housing

Simple Switch
Operation

157
78 LUMENS | 200m METRE BEAM RANGE | IP68 | GAS ZONES 1 + 2 | DUST ZONES 21 + 22 | 9 | 18HRS RUN TIME | Powered by Rechargeable LI-ION Technology

RoHS 〈Ex〉 CE C(UL)US CLASSIFIED

Key features:
- Intrinsically safe LED Flash Light for use in Zone 1 • 2 • 21 • 22 hazardous areas
- Front spot light and Rear torch light, High/Low/Strobe light modes
- Explosion proof
- High powered OSRAM LED
- Charging time: 6hrs
- Running time: High: 9hrs | Low: 18hrs
- Battery: 2.2Ah Lithium-ion
- Secure grip, high strength aluminium housing
- Easy to use, maintenance free
- **Applications - Petroleum Industry, Fire Fighters, Public Security**

〈Ex〉 **ATEX Certification:**
II 2 G Ex ib IIC T4 Gb | II 2 D Ex ib IIIC T130°C Db IP68

35mm

150mm
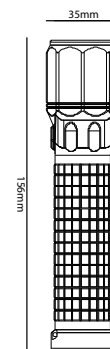
PRODUCT CODE
NSEX160R

0.19
KG

- **2 LIGHT MODES**
- **RUBBERISED HANDLE**
- **290M BEAM RANGE**
- **UP TO 13 HOURS RUNTIME**
- **POCKET CLIP**

Stainless steel belt/pocket clip

Rubberised handle for comfortable grip

325/140 LUMENS

290|184M METRE BEAM RANGE

IP54

GAS ZONES 0 + 1 + 2

6.5 | 13HRS RUN TIME

MINING APPROVED

IEC | IECEx | CSA C us | RoHS | Ex | CE | AA + | Powered by 4x

Key features:
- Intrinsically safe LED right angle hand torch for use in Zone 0 • 1 • 2 hazardous areas
- 2 Light modes: High 320lm | Low 140lm
- Up to 290 | 184 Metre beam
- High powered LED - CREE XP-G2
- MINING - EX I M1 Ex ia I Ma
- Powered by 4x AA batteries
- Drop proof up to 1m
- ANSI IP54 rating
- Easy to use, maintenance free
- **Applications - Mining Industry, Fire Fighters, Hazardous Environments**

ATEX Certification:
I M1 Ex ia I Ma | II 1G Ex ia IIC T4 Ga

63mm

183mm
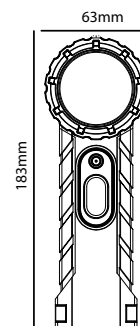
PRODUCT CODE
NSEX320

250g

NightSearcher

- **LIGHTWEIGHT**
- **30M BEAM RANGE**
- **UP TO 18 HOURS RUNTIME**
- **POCKET SIZED**
- **SUPPLIED WITH WRIST STRAP**

On/off tail switch

Easily clip on:
- Pockets, Belts
  Tool bags

50 LUMENS | 30m METRE BEAM RANGE | IP67 | GAS ZONES 0 + 1 + 2 | 18 HRS RUN TIME | MINING APPROVED

IEC | IECEx | RoHS | Ex | CE | AAA+ | Powered by 2x

Key features:
- Intrinsically safe LED flashlight for use in Zone 0 • 1 • 2 hazardous areas
- 50lm, up to 30 Metre beam
- High powered LED - CREE XP-G2
- ANSI IP67 rating
- MINING - EX I M1 Exia I Ma
- Long operation times up to 18 hours
- Waterproof up to 1m (IPX7)
- Durable impact resistant, drop proof up to 1m
- Easy to use, maintenance free
- Supplied with wrist strap
- **Applications - Oil and Gas Industry, Mining Industry, Utility Companies**

ATEX Certification:
Ex I M1 Ex ia I Ma | Ex II 1 G Ex ia IIC T5 Ga

26mm

142mm
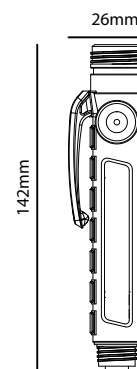
PRODUCT CODE
NSEXPL

65 g

Spot beam

Flood beam

Adjustable sliding switch between light modes

Twist head to adjust beam: Spot light or Flood Light

160 | 60 LUMENS

80|116m METRE SPOT BEAM

16|26m METRE FLOOD BEAM

IP67

GAS ZONES 0 + 1 + 2

6 | 13HRS RUN TIME

MINING APPROVED

IEC | IECEx | RoHS | ⟨Ex⟩ | CE | AA + | Powered by 4x

52mm

184mm

Key features:
- Intrinsically safe LED flashlight for use in Zone 0 • 1 • 2 hazardous areas
- Up to 160lm
- Up to Spot beam: 116M | 72M
- Up to Flood beam: 26M | 16M
- High powered LED - CREE XP-G2
- MINING - EX I M1 Exia I Ma
- ANSI IP67 rating
- Easily twist head from Spot to Flood beam, while wearing fire gloves
- Beam lock
- Supplied with wrist strap
- **Applications - Oil and Gas Industry, Mining Industry, Emergency Services**

⟨Ex⟩ **ATEX Certification:**
Ex I M 1 Ex ia I Ma | II 1 G Ex ia IIC T4 Ga
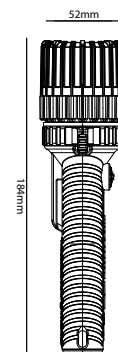
PRODUCT CODE
NSEXZOOM

250 g

NightSearcher

- **2 LIGHT MODES**
- **117M BEAM RANGE**
- **UP TO 30 HOURS RUNTIME**
- **LOCK SWITCH**
- **SUPPLIED WITH WRIST STRAP**

Locks to prevent turning accidentally

Fastener prevents opening in hazardous areas

180 70 LUMENS

83|117m METRE SPOT BEAM

30 | 8HRS RUN TIME

IP67

GAS ZONES 0 + 1 + 2

IEC IECEx c(UL)us CLASSIFIED RoHS Ex CE AA + Powered by 4x

Key features:
- Intrinsically safe LED flashlight for use in Zone 0 • 1 • 2 hazardous areas
- 2 Light modes: High 185lm | Low: 70lm
- Up to 117M | 83M Metre beam
- High powered LED - CREE XP-G2
- Waterproof up to 1m (IPX7)
- ANSI IP67 rating
- Powered by 4x AA batteries
- Switch push button on tail
- Durable impact resistant, drop proof up to 1m
- Easy to use, maintenance free
- **Applications - Fire and Emergency Services, Utility Companies**

Ex ATEX Certification:
Ex II 1 G | Ex ia IIC T4 IP67

47mm

172mm

PRODUCT CODE
NSEX185

140 g

OPTIONAL HELMET CLIPS
Compatible for all the following Atex flashlights: EX185, EX60
Contact our sales team to find out more.

- **2 LIGHT MODES**
- **144M BEAM RANGE**
- **UP TO 80 HOURS RUNTIME**
- **REMOVABLE CLIP**
- **SWITCH PUSH BUTTON ON TAIL**

On/Off
Tail Switch

Removable
clip

125 55 LUMENS

144|90M METRE SPOT BEAM

42.5 | 80HRS RUN TIME

IP67

GAS ZONES 0 + 1 + 2

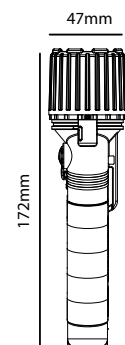IEC   IECEx   C UL US   RoHS   Ex   CE   IC - CELL+   Powered by 3x

Key features:
- Intrinsically safe LED flashlight for use in Zone 0 • 1 • 2 hazardous areas
- 2 Light modes: High: 125lm | Low: 55lm
- Up to 144 | 90 Metre beam
- High powered LED - CREE XP-E
- Waterproof up to 1m (IPX7)
- ANSI IP67 rating
- Powered by 3x C-Cell batteries
- Switch push button on tail
- Durable impact resistant, Drop proof up to 1m
- Easy to use, maintenance free
- **Applications - Fire and Emergency Services, Utility Companies**

ATEX Certification:
EX ia IIC T4 Ga

60mm

250mm

PRODUCT CODE
NSEX125

190 g

ATEX
HEAD TORCHES

- **2 LIGHT MODES**
- **100M BEAM RANGE**
- **UP TO 12 HOURS RUNTIME**
- **EASILY ROTATES WHILE WEARING FIRE GLOVES**

90° Adjustable angles

Gas pressure release valve

220 100 LUMENS

75|100M METRE BEAM RANGE

5 | 12HRS RUN TIME

IP67

GAS ZONES 0 + 1 + 2

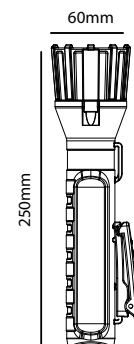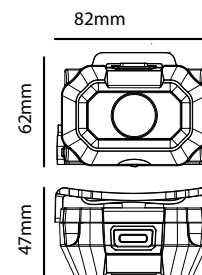IEC   IECEx   ᶜ(UL)ᵤₛ CLASSIFIED   RoHS   ⟨Ex⟩   C€   [AAA+]   Powered by 3x

Key features:
- Intrinsically safe LED head torch for use in Zone 0 • 1 • 2 hazardous areas
- 2 Light modes: High 200lm | Low: 100lm
- High 75M | Low: 100M beam
- Durable impact resistant headlamp
- High powered LED - CREE XP-G2
- Waterproof up to 1m ANSI (IP67)
- Soft touch rubber switch
- Adjustable headband to fit users head or helmet
- Durable impact resistant, Drop proof up to 1m
- Easy to use, maintenance free
- **Applications - Fire and Emergency Services, Petrochemical + Gas Industries**

⟨Ex⟩ **ATEX Certification:**
Ex: II 1 G | Ex ia IIC T4 Ga IP67

82mm
62mm
47mm

PRODUCT CODE
NSEXHT220

143 g

- **ADJUSTABLE HEADBAND**
- **70M BEAM RANGE**
- **UP TO 14 HOURS RUNTIME**
- **EASILY TWIST ON/OFF BEZEL WHILE WEARING FIRE GLOVES**

Easily twist on/off bezel switch while wearing fire gloves

Gas pressure release valve

80 LUMENS | 70m METRE BEAM RANGE | IP67 | GAS ZONES 0 + 1 + 2 | 14HRS RUN TIME | MINING APPROVED

IEC | IECEx | c(UL)us CLASSIFIED | RoHS | Ex | CE | AAA+ | Powered by 3x

Key features:
- Intrinsically safe LED head torch for use in Zone 0 • 1 • 2 hazardous areas
- Up to 80lm
- Up to 70M beam
- High powered LED - CREE XP-G2
- Waterproof up to 1m (IPX7)
- ANSI IP67 rating
- Adjustable headband to fit users head or helmet
- Aluminium heat sink enhancing LED efficiency
- Durable impact resistant, Drop proof up to 1m
- Long operation time 14hrs
- **Applications - Oil and Gas Industry, Mining Industry, Emergency Services**

ATEX Certification:
Ex I M1 Ex ia I Ma | Ex II 1 G Ex ia IIC T4 Ga

70mm

53mm

60mm
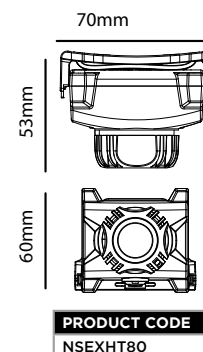
PRODUCT CODE
NSEXHT80

110 g

Product code	NSEX1000R	NSEXFLOOD120	NSEXLINEAR4500 *NSEXLINEAR4500E	NSEXLINEAR7000 *NSEXLINEAR7000E	NSEX160R	NSEX-325
Lumens	High: 1265lm	High: 11352lm	High: 4554lm *High: 4554lm *Emergency 630lm	High: 7084lm *High: 7084lm *Emergency 630lm	High: 157lm Low: 78lm	High: 325lm Low: 140lm
Light Modes	High	High	High *High • Emergency	High *High • Emergency	High • Low Strobe	High • Low
Light Source	SEOUL LED 10W	OSRAM LED 120W	SEOU LED 36W	SEOU LED 56W	OSRAM LED	CREE XP-G2 LED
Run time	10hrs	-	-	-	High: 9hrs Low: 18hrs	High: 6.5hrs Low: 13hrs
IP Rating	IP66	IP66	IP66	IP66	IP68	IP54
Beam Distance	10M	43M	-	-	Spot: 200m	High: 290M Low: 184M
Rechargeable	LI-ION	-	-	-	LI-ION	LI-ION
Charge time	7hrs	-	-	-	6hrs	6hrs
Battery	6.6Ah	100-277V	AC100~277V/ AC/ DC24~48V/ DC10~30V *AC100-277V, AC200-277V	AC100~277V/ AC/ DC24~48V/ DC10~30V *AC100-277V, AC200-277V	3.7V 2.2Ah	4 x AA
Zones (GAS)	1 + 2	2	1 + 2	1 + 2	1 + 2	0 + 1 + 2
Zones (Dust)	21 + 22	22	21 + 22	21 + 22	21 + 22	-
MINING	-	-	-	-	-	M1
Certification	ATEX	IECEx CE	ROHS	ATEX	CE	ROHS	ATEX	IECEx CE	ROHS	ATEX	IECEx CE	ROHS	ATEX CE	ROHS	CSA	ATEX	IECEx CE	ROHS	REACH
Dimensions	210x182x282mm	425x336x336mm	600x136x85mm	900x136x85mm	156x35x35mm	183x69x63mm
Weight	5.31KG	10.4KG	6.8KG	9.1KG	190g	250g
Page number	5	6	8	8	10	11

Other Atex products are also available contact our sales team to find out more

Product code	NSEXPL	NSEXZOOM	NSEX185	NSEX125	NSEXHT220	NSEXH80
Lumens	High: 50lm	High: 160lm Low: 60lm	High: 185lm Low: 70lm	High: 125lm Low: 55lm	High: 220lm Low: 100lm	High: 80lm
Light Modes	High	High • Low	High • Low Flashing	High • Low	High • Low	High
Light Source	CREE XP-G2 LED	CREE XP-G2 LED	CREE XP-G2 LED	CREE XP-E LED	CREE XP-G2 LED	CREE XP-G2 LED
Run time	High: 18hrs	High: 6hrs Low: 13hrs	High: 8hrs Low: 30hrs	High: 42.5hrs Low: 80hrs	High: 5hrs Low: 12hrs	High: 14hrs
IP Rating	IPX7 • 1P67	IPX7 • 1P67	IPX7 • 1P67	IPX7 • 1P67	1P67	IPX7 • 1P67
Beam Distance	30M	Spot: 116m | 72m Flood: 16m | 26m	High: 117M Low: 83M	High: 144M Low: 90M	High: 100M Low: 75M	70M
Rechargeable	-	-	-	-	-	-
Charge time	-	-	-	-	-	-
Battery	2 x AAA	4 x AA	4 x AA	3 x C - Cell	3 x AAA	3 x AAA
Zones (GAS)	0 + 1 + 2	0 + 1 + 2	0 + 1 + 2	0 + 1 + 2	0 + 1 + 2	0 + 1 + 2
Zones (Dust)	-	-	-	-	-	-
MINING	M1	M1				M1
Certification	ATEX | IECEx CE | ROHS | REACH	ATEX | IECEx CE | ROHS | REACH	ATEX | IECEx CE | ROHS | REACH	ATEX | IECEx CE | ROHS | REACH	ATEX | IECEx CE | ROHS | REACH	ATEX | IECEx CE | ROHS | REACH
Dimensions	142x26x26mm	184x52x52mm	172x47x47mm	250x60x85mm	80x50x45mm	70x60x53mm
Weight	65g	143g	250g	190g	143g	110g
Page number	12	13	14	16	18	19

ATEX EXPLAINED - GAS AND DUST ZONES

NightSearcher

ATEX MARKING

CE
CE mark denotes manufacturers' declaration of product compliance to all relevant EU Directives

⟨Ex⟩
Specific mark for Explosion Protection

I
Equipment Group (Mining)

M1
Equipment Category (Mining)

II
Not For Use In Mines

1
Atex Category 1 (Old Zone 0)

GD
Tested for Gases, Vapour and Dust Atmospheres

ATEX EX MARKING FOR EXPLOSIVE DUST ATMOSPHERES

Ex
Explosion Protected Equipment

ia
Intrinsic safe 'i'

IIIB
Dust Group

T130°C
Temperature Classification

Da
Equipment Protection Level

IP67
Ingress Protection Level Marking

ATEX EX MARKING FOR EXPLOSIVE GAS ATMOSPHERES

Ex
Explosion Protected Equipment

ia
Intrinsic Safe 'i'

I
Gas Group

Ma
Equipment Protection Level
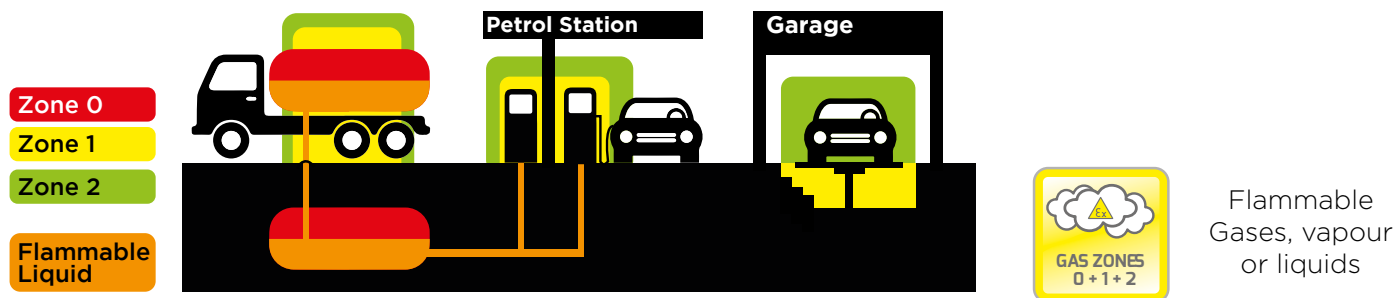
IIC
Gas Group
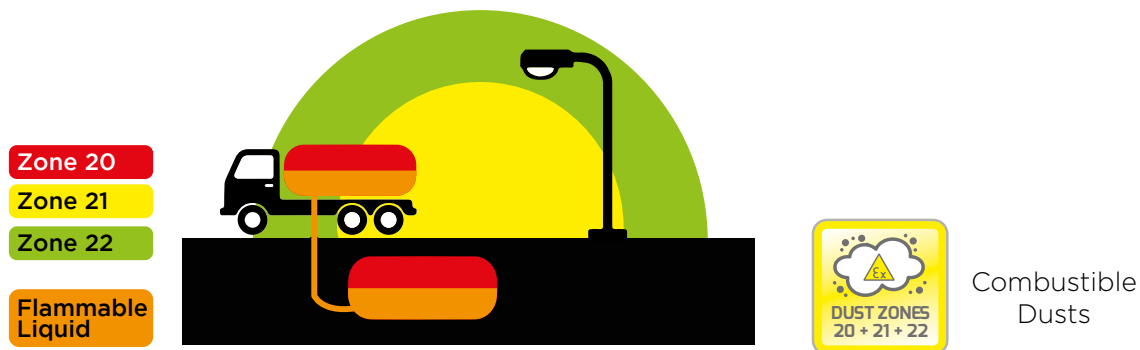
T4
Temperature Classification

Ga
Equipment Protection Level

Hazardous Area Classification Zone 0, Zone 1, Zone 2
This diagram shows how hazardous area zones may occur in typical circumstances

Petrol Station

Garage

Zone 0
Zone 1
Zone 2

Flammable Liquid

GAS ZONES
0 + 1 + 2

Flammable Gases, vapour or liquids

Hazardous Area Classification Zone 20, Zone 21, Zone 22
This diagram shows how hazardous area zones may occur in typical circumstances

Zone 20
Zone 21
Zone 22

Flammable Liquid

DUST ZONES
20 + 21 + 22

Combustible Dusts

NightSearcher

Trusted Worldwide since 1989

nightsearcherltd

nightsearcher-limited

@NightSearcher

@NightSearcherltd

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distributor@nightsearcher.co.uk