



# ECITB Industrial Drone Operations Blended Learning Solution

- > e-learning for theoretical knowledge
- > 3 Days Face to Face for practical application of knowledge and assessments



- **2 ECITB Certificates**  
(e-learning & blended learning certification)
- **Coverage of the UK CAA PfCO / GVC syllabus & materials**
- **Learn the theory at your leisure**
- **3 day face to face for practical application of knowledge and assessments**
- **ECITB quality assured delivery and certification process**

## COURSE SUMMARY & BENEFITS

The ECITB Industrial Drone Operations (IDO) course will ensure that the next generation of drone operators attain, develop & maintain the skills and knowledge they need to operate safely in heavy industrial environments that have specific operational hazards and constraints such as Oil and Gas, Petrochemicals, Renewables, Nuclear, Infrastructure, Rail, Agricultural, Congested & Urban areas.

The ECITB IDO Training Standards set out & demonstrate pilot currency & competence to a set, UK Governmental, Training Standards & Syllabus.

The IDO is aimed at commercial entities & pilots and can be mentioned within your operations manual for personnel training & currency.

Quantified training can easily be proven via the ECITB IDO Certificate.

Due diligence by Duty Holders can be proven by demanding the IDO.

The blended learning solution minimizes time away from work yet fulfills the need for practical, hands on training and flights.

## THE BLENDED LEARNING SOLUTION

The ECITB Industrial Drone Operations (IDO) addresses the requirements placed put upon drone pilots operating in high risk industries or conducting non-standard flights, often in areas suffering from high magnetic or radio frequency interference.

### The blended learning courses gives you:

- 12 months access to the Safety Works e-Learning ECITB IDO pack
- 2 Days face to face (f2f) scenario based training
- 1 Day f2f assessments and flight drills

### e-Learning:

The blended solution gives you 12 months online training access and trainer support. Once you have passed the 20 online topics you will gain the ECITB IDO e-learning Certificate. Ideally you should aim to complete the e-learning course not more than one month before attending the f2f.

### 2 day face to face:

As a part of the 3 days you will start to use the aviation, commercial and industrial drone knowledge learnt during the e-learning.

### Day 1 - Training

Straight out to site. We use an open book approach to training, trying not to use PowerPoints at all, we walk and talk you through a simple industrial flight scenario desk top exercise. By going to site first we can look for hazards and start to think about controls, flight plans, timings and capture plans. We will help walk you through the whole procedure and you will then present, in small groups, your findings as though to a client. Once this is

complete we 'walk'. We go to site and practice the flight drills and scenarios. Typically, about 2 hours of flying in ATTI MODE.

### Day 2 - Training

We walk through a complex scenario and get you ready for the table top exercise tomorrow. This will need more in-depth planning and consultations with the client / duty holder. A very much more in-depth risk analysis is undertaken and written down. Again, we will be onsite and look to completing a capture plan for the task, you will work in pairs, a remote pilot and an observer / engineer / camera operator and discuss where the drone will need to be flown to, what altitudes, angles and timings will be used. You will collate all the information and present to the Duty Holder and say whether you have a Fly No Fly situation. Again, in the afternoon we will 'walk' and fly, aiming to perfect your flying skills ready for the flight test on day 3.

### Day 3 - Assessment day

#### Assessment comprises of 3 elements

- Element 1 - Knowledge course test – 50 questions
- Element 2 - Practical assessment (table top exercise)
- Element 3 - Practical assessment (practical flight drills)

All assessments must be conducted under examination conditions.

## VENUES

Safety Works offer two training sites in Thailand, Pattaya & Songkhla. Worldwide we are building up strong relationships with industry leaders and looking for future partners to offer our packages with exclusive territorial rights.

## ECITB IDO SAMPLE CERTIFICATE



### REVALIDATION:

The course must be revalidated every 3 years.

