

On Saturday 21st May an international webinar, delivered by U-3ARC and AREA, saw the participation of few of the main refrigeration companies worldwide, with the aim of bringing attention to the use of natural refrigerants in Africa.

U-3ARC and its European counterpart AREA organized this free, online training event for the first time in the refrigeration history, for the benefit of 500 African refrigeration Technicians who had the opportunity to attend.

Replacement Components

First remove R744 from the component (e.g. evaporator) by evaporating liquid:

1. Fit gauge to B1;
2. Close A (B and C are open);
3. Pump out the coil for 15 min;
4. Close B;
5. Vent remaining R744 from port on A, monitoring pressure at B;
6. Fit gauge to A1 and check pressure.

Ensure that:

- Do not trap R744 liquid;
- Do not use control valves as isolation valves;
- Do not braze or weld pipe work / components containing R744;

Note - a magnet might not open a solenoid valve because of the very high pressure - listen to ensure it opens

It was surely a great chance for raising general awareness on the safety challenges set by the use of the new refrigerants. It was therefore important for everyone to pay attention to any installation and servicing operation of air conditioners and refrigeration equipment which contain these gases, to avoid the risk of fire and explosion, usually caused by improper installations. The refrigeration sector must play a prominent role in the socio-economic development of the African continent, and its main players - grouped within U-3ARC - are working relentlessly to raise public awareness on the issue, still not enough considered in a continent where 70% of perishable food production goes to waste, making therefore useless the efforts of 80% of its population. The time has come for refrigeration to be on the political agenda of any African leader interested in the socio-economic development of their country.

The webinar was delivered in English language and translated simultaneously into Arabic, French and Portuguese. In addition to AREA and U-3ARC, other Associations that have always been involved in the sector (such as SOSIAD from Turkey and APIRAC (with Jose Ribeiro) from Portugal) participated.

Centro Studi Galileo was strongly involved: in addition to its CEO Marco Buoni being an active speaker, three of CSG's Expert Trainers were among the Speakers, namely Marino Bassi, Kivanc Aslantas and Madi Sakandé, the latter further being the promoter and main coordinator of the event.

The webinar was a wide success, counting on the participation of almost 500 users worldwide. In particular, the webinar recorded a massive presence of African technicians: three countries in particular stand out from the total, with 57 experts from Morocco, 48 from Mali and 34 from Zambia.

[Link to the full video here](#)

The event will be in English and translated live in Arabic, French and Portuguese



May 21st
2022
2-5 pm GMT

Alternative Refrigerants 4 Africa – free webinar on alternative and natural refrigerants

14:00 – 14:10	<u>“Official opening of the event and greetings”</u> Mr Madi Sakandé U-3ARC, President
14:10 – 14:20	<u>“The importance of training and certification”</u> Mr Marco Buoni AREA, Former President - ATF, Secretary General - CSG, Chief Executive Officer
14:20 – 14:30	<u>“The Stakeholders training experience”</u> Mr José Manuel Ribeiro, APIRAC Mr Ade Awujoola, Expert Trainer
14:30 – 15:20	<u>“Good practices for Flammable Refrigerants”</u> Mr Marino Bassi CSG & ATF, Expert Trainer
15:20 – 15:50	<u>“Good practices for Carbon Dioxide”</u> Mr Kivanç Aslantaş SOSIAD, Expert Trainer
15:50 – 17:00	<u>Wrap up and Q/A session</u> Moderated by Mr Madi Sakandé & Mr Marco Buoni

To register free of charge please visit: bit.ly/AltRef4Africa