

DOES A HOSPITAL COMPRESSOR SYSTEM CONTINUOUSLY DELIVER MEDICINAL AIR ACCORDING TO THE EUROPEAN PHARMACOPOEIA?

E. GLEDITSCH¹, R. NILSEN².

¹HOSPITAL PHARMACIES ENTERPRICE, SOUTH EASTERN NORWAY - OSLO HOSPITAL PHARMACY, OSLO, NORWAY.

Contact: espen.gleditsch@sykehusapotekene.no

²OSLO UNIVERSITY HOSPITAL, HOSPITAL SERVICES, OSLO, NORWAY.

Background and importance

Hospitals in Norway produce medicinal air for patient treatment. The medicinal air is produced by a compressor central and supplied by a pipeline system for patient treatment at the hospital.

Aim and objectives

The aim of the study was to confirm that hospital produced medicinal air continuously is safe and in compliance with the European pharmacopoeia.

Material and methods

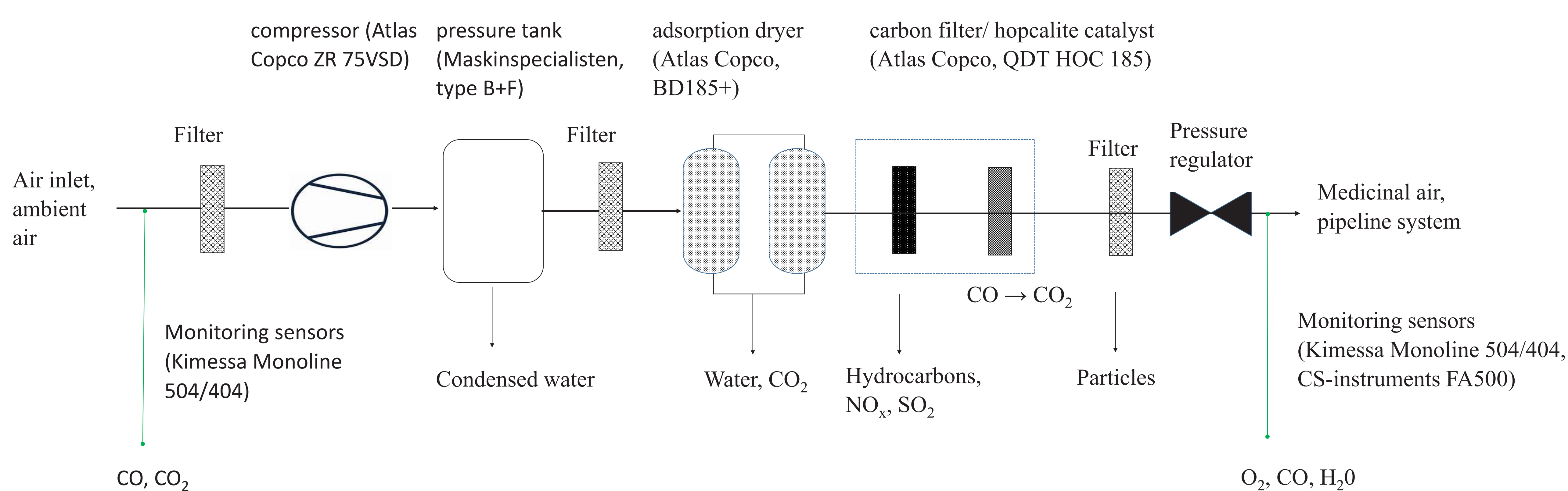


Figure 1

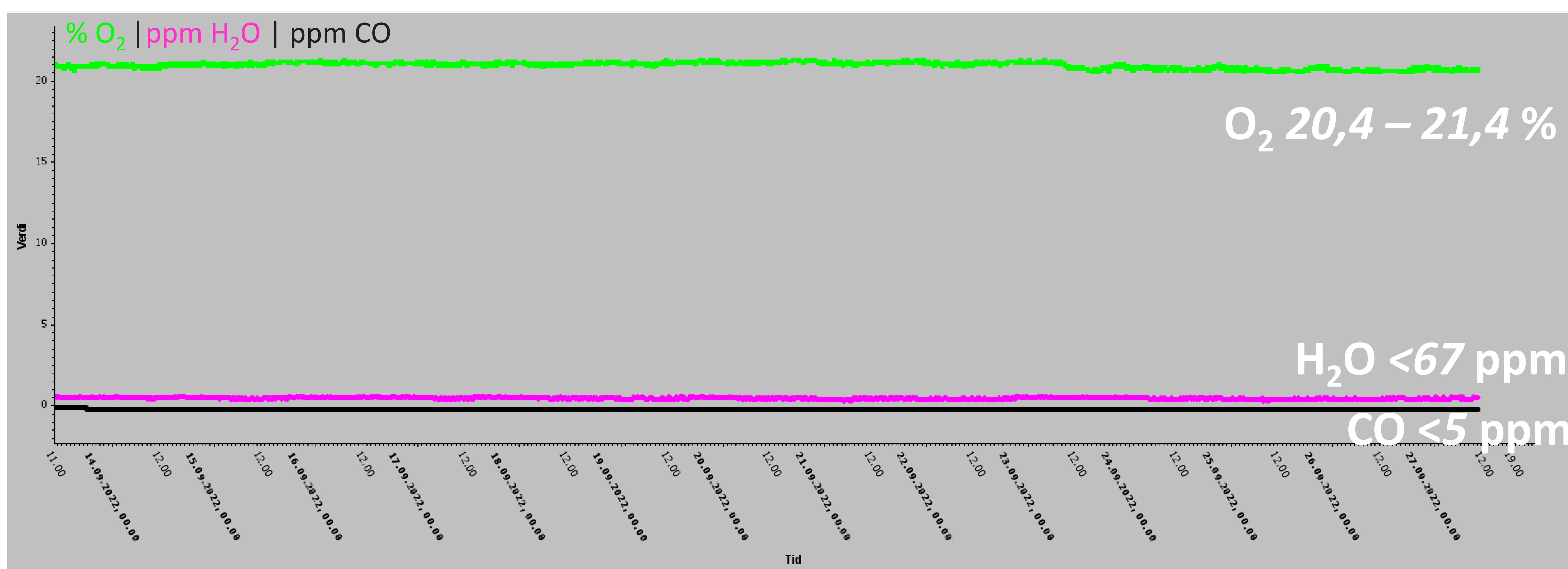


Figure 2

Conclusion and relevance

The monitoring data shows that a hospital compressor central is able to continuously deliver medicinal air according to the European pharmacopoeia, even with daily variations in the ambient air quality and compressor system. This is relevant information for pharmacists and technical staff when planning quality control strategies for a compressor central.

