

The Blue Carbon® certification programme is proud to grant the Blue Level certificate to Flainox SRL based on ID report MLCAS312 NRG 240 for the product: Universal NRG with carbon mitigation achievement.

Rexizon C.E. declares to have audited the site, and inspected site of the above company, for carbon footprinting relating 3 years of progress in 2011.

A life cycle assessment from "cradle-to-grave" in accordance with ISO 14044 and ISO 14067 guidelines, and BSI PAS2050 recommendations for 1, 2 scopes and scope 3 including all green house gases (GHG) stipulated within the Kyoto protocol were addressed using a set of reference materials representative of the most recent and geographical relevant emission factors available and published from respected technical sources.

This certificate is in force until further notice, provided that the above-mentioned company continues meeting the conditions as laid in the company contract conditions with Rexizon C.E. Ltd

Based on the annual inspections that Rexizon C.E. performs, this certificate is updated and kept into force.

Details of certification

Certificate Number: MLCAS3CFP01-01-2012
Field of attention: CFP Dyeing Textile Machinery
Level of achievement: Blue, over 40% CO₂ e. reduction
Place of issue: Port Louis, Mauritius
Date granted: 19th January 2012
Expiry Date: 18th January 2013
Company name: FLAINOX SRL
Physical address: Via G. Leopardi, 5
13854 Quaregna
Biella
Italy



B. Schmitt

Benoît J.A. Schmitt
Managing Director



Sustainable textile needs sustainable companies and machinery.

Flainox (Italy) achieved important goals with its garments, socks and seamless rotary dye-extractor series NRG-Universal in cutting emissions of CO₂ and GHG: in 2009 -23%, in 2010 -34,3 and reached in 2011 the Blue level to Kyoto protocol -44,6 vs year 2008.

The target was to reduce emission at the end-user side. In fact a dyeing machine, during its 15 years life cycle, causes 99,6% of emissions (0,4% only are generated during manufacturing). That was possible reducing the consumption of water (liquor ratio) and related steam, electricity, dye-stuffs/chemicals at increased productivity.

Undoubtedly, end-users benefit of cheaper processing cost at constant high quality level and competitiveness.

In 2010 were also analyzed the company emission versus 2009. After having changed energy supplier to renewable source, stopped import of stainless steel from coal foundry and adopted in-house remedies on air-conditioning and lighting, we cut the company emissions by 43,7%. Further improvements were reached in 2011 to reduce company emission -57,5% (7,3 T/CO₂ e.).

A third body (Rexizon) was commissioned to certify according to ISO 14044 – 14067 and BSI PAS 2050.

The wet treatment industry of made-up garments is involved in the ongoing search for quality and innovation in order to create articles that have unique features which consumers can recognize as having been "garment treated".

In today's "global fashion " the demand is for competitive price levels without in any way jeopardizing the intrinsic quality of the garments, the garments being made using eco-friendly procedures, ensuring fast delivery times with fashionable colours and sustainable processes.

Flainox has been the first European textile machinery manufacturer to be certified for product and company. In 2011 was also granted the Green Label by Acimit - see more at www.flainox.com and www.flainox.com/blog or contact info@flainox.com .