

EMPLOYEE TRAINING FOR THE IMPLEMENTATION OF QUALITY STANDARDS IN OFFSET PRINTING

Răzvan George RĂCHERU¹, George CONSTANTIN²

Rezumat. Pentru a putea imprima conform ISO 12647 sau a oricărui alt standard, avem nevoie de oameni pregătiți în a înțelege cerințele de bază ale implementării standardelor în tiparul offset. Calibrarea și controlul procesului de tipar merge mână în mână cu timpul, reducerea costurilor, reducerea deșeurilor și creșterea satisfacției clienților. Decizia de implementare a fost luată pentru a oferi o comunicare a calității culorilor ușoară și precisă. În această lucrare este prezentată abordarea instruirii personalului necalificat adoptată pentru analiza, certificarea și controlul culorilor asupra întregului flux de lucru al producției.

Abstract. To be able to print according to ISO 12647 or any other standard, we need trained people to understand the basic requirements of implementing the standards in the offset printing. Calibration and control of the printing process goes hand in hand with time, costs reducing, reducing waste and increasing customer satisfaction. The implementation decision was taken to provide a light and accurate color communication. This paper presents the training of unqualified personnel for the analysis, certification and color control over the whole production workflow.

Keywords: Quality, professional training, standards, printing, color management

1. Introduction

Due to the constant increase of the quality requirements, prices and production volumes, an ISO standard implementation require stricter discipline to correctly implement and maintain workflows if they are to deliver consistent results to higher expectations. This requires: an integrated industrial manufacturing strategy that combines standardization, process control and defined procedures. Also, all of the production equipment's used must be operating to specification, effective maintenance and also the understanding of the influence of consumables (ink, paper, blanket, etc.) [1], [2], [3]. Achieving consistent and very similar printing results on print jobs produced by the same printer, is challenging and requires a very high level of process control and discipline.

¹Eng., affiliation: Faculty of Engineering and Management of Technological Systems, Machine and Production Systems Department, University "Politehnica", Bucharest, Romania, (e-mail: razvanracheru@yahoo.com).

² Prof., PhD Eng., Faculty of Engineering and Management of Technological Systems, Machine and Production Systems Department, University "Politehnica", Bucharest, Romania, (e-mail: icmas74@yahoo.de)
