Agfa Graphics

ANAPURNA XL2 & Wasatch Operator Training
(Trainee required checking all topics)

1. Safety First   (   )
    a. UV Inks
        i. UV Inks (and waste) contain chemicals, when handling the ink, wear protective gloves to protect your skin and protective glasses.
        ii. Should the ink come in contact with your skin, wash with water immediately.

    b. UV Light
        i. Do not look directly into the UV Light when printing.
        ii. Don't expose your skin directly to UV light.
        iii. If you need to look at the direction of the light, wear protective glasses or look through the front cover glass.
    c. Ozone
        i. Anapurna engines are equipped with an exhaust system to extract the heat and ozone gas built by curing process. Make sure exhausts are working and lead to the outside air.
    d. Anapurna Engine
        i. Do not operate the engine if not comfortable.
        ii. Before printing, make sure no one is around the engine.
        iii. Make sure all doors are closed before sending a job to print.
        iv. Know the Emergency 'Stop' buttons.

2. Anapurna Inks, Cleaning Solution & Waste   (   )
    a. Storage of inks (no more than 25 degrees Celsius at any time)
    b. Shelf Life of inks
    c. Handling (safety aspects)
    d. Use
        i. Take care when filling the main ink tank / cleaning tank.
        ii. Keep waste separate from the ink bottles.
    e. Dispose off waste as per local council regulations.
    f. Never mix solvent waste with UV waste.

3. Environment   (   )
    a. Dust Free
    b. Ideal Room Temperature : 22 degrees Celsius
    c. Ideal Humidity : 50 %

4. Anapurna XL2 Component Overview   (   )
    a. Terminologies used (Purge side, home side etc)
    b. Signal Tower Lamp
    c. Anapurna Shuttle (carriage) Layout
        i. Print Heads
        ii. 2 way valves (Ink valve, solution valve)
        iii. UV Lamps
        iv. Purge Button (Ink purging)
        v. Solution Valve Button (Solvent Flush / Cleaner)
    d. Ink Supply System

5. Anapurna XL2 – Start Up Sequence   (   )
    a. Compressed Air
    b. Main Switch (Power)
    c. Circuit Breakers (if applicable)
    d. PC (Anapurna)
    e. Anapurna Engine (check for emergency buttons & capping plate)
    f. Exhaust

6. Making Anapurna Ready for printing   ( )
    a. Roll to roll print
        i. Media Loading
        ii. Left & Top Margins
        iii. UV Lamps (Half or Full Power)
    b. Rigid media printing
        i. Registering Pins
        ii. Head Height (set gap)
        iii. Left & Top Margins
        iv. Dual Board Printing
        v. Borderless Printing
        vi. Input / output Support Tables
        vii. UV Lamps (Half or Full Power)
    c. Jet Test
    d. Head Height adjustment (set gap)
    e. Vacuum on the bed (2 pumps / 4 sections)
    f. Heater Settings
        (How to change settings on the digital controls)
        i. Sub Ink Tanks
        ii. White Sub Ink Tank (White ink in use / not in use)
        iii. Head Base
    g. Negative Pressure Settings
    h. Print Quality
        i. Bi Dir Alignment
        ii. Step Size
        iii. Carriage Speed
        iv. UV Lamp Options
    i. Printing Artefacts
        i. Gloss Banding
        ii. Peppering
        iii. Pooling
        iv. Step Banding / Nozzle missing banding

7. Print Head Purging / Cleaning   ( )
    (Function of 3 way valve)
    a. Little Purge if Jet Test not good
    b. Good Purge
    c. Head Weeping
    d. Head Cleaning using solvent

8. Anapurna Control Program   ( )
    a. Selecting the file
    b. Correct # of passes
    c. Margins
    d. Set Up Parameter Menu
    e. Test Menu
    f. Printing an image
    g. Cancelling a print

9. Preventive Maintenance   ( )
    a. Daily
    b. Weekly
    c. Weekend / Long Break engine preparation
    d. Alignment of Conveyor (Media) Belt

10. What can go wrong !!!!   ( )
    a. Air in the Ink Filter (always make sure enough ink in the main tanks)
    b. Solvent in White Ink Tank????
    c. Light colours in Dark colour tanks
    d. Check Over Flow tank (Air Tank)
    e. Keep an eye on Waste Tank
    f. Printing on the Conveyor Belt – resulting in poor vacuum
        i. Borderless printing
    g. Head Height!!!

11. Advanced Scheduled Maintenance ( )
   a. Adjustment of conveyor belt
   b. Replacement of conveyor belt (service engineer)
   c. Cleaning the Feed Table (service engineer)
   d. UV Lamp Replacement (operator)
   e. Cleaning of Crystal Glass (operator)

12. Consumables Required ( )
   a. Inks
   b. Cleaning Solution
   c. Lint Free Cloth
   d. Part #'s
   e. Recommended Media

Wasatch Operations

1. Rip Station ( )
   a. Do not load any design software
   b. Never download anything from the internet
   c. Make sure the network card is 100/1000 Mbps
   d. Make sure of a high speed hub or switch

2. Setting up of Print Folder on Anapurna Engine PC ( )
   (Not related directly with Wasatch Operations but required)

3. Set Up of Different Printing Options ( )
   a. Printer Model
   b. Imaging Configuration
   c. White Options (if applicable)
   d. Properties
   e. Colour Transforms
      i. Have a back up copy of Agfa provided profiles
      ii. Do not touch Ink limits or input profiles

4. Ripping & Printing ( )
   a. Supported File formats
   b. Opening a file
   c. File preparation; size, scale, crop, mirror, rotate, tiling
   d. Selection of correct Imaging Configuration (Printing resolution / # of passes)
   e. Sending to Rip Queue (Or Rip & Print)
   f. Print Strategy
      i. Immediate Printing
      ii. Layout
      iii. Printing to folder on Anapurna PC
   g. White Ink Printing Options
   h. Hot folder set-up

5. Wasatch Exercises ( )

6. Have you received the Operator's Manual + MSDS + other operational documents ( )

7. Have you printed samples on Anapurna engine using roll to roll & rigid media ( )

8. Are you comfortable ( )

9. What other information you need to get more comfortable (if needed) ( )

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