

# Before the Restoration

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# Film

- film as document or work of art
- elements of the film
- actual reel

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# Preparation

- splices repair
- perforation repair
- film cleaning
- chemical treatments
- ... and beyond

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## Splices

- cement
- tape
- re-splicing

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## Perforation

- tape bridges
- film bridges
- acetone
- notches
- V-cuts

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## Cleaning

- PTR
- manual cleaning
- machine cleaning
- dry
- using a solvent
- re-washing

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## Chemical Treatments

- drying
- humidifying
- mould fungus
- swelling the emulsion
- re-development
- hardening the gelatine

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## ... and Beyond

- transfer the emulsion onto a new base
- keep only the emulsion

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## Scanner

- film transport
- light source
- camera
- image section
- wet scanning
- file format

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## Film Transport

- sprocket
- PTR
  
- tension
- film path, guide and gate
- reels
- continuous vs. step-by-step

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## Light Source

- diffuse
- direct
- white
- coloured
- illuminant

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## Light Source

- |           |            |
|-----------|------------|
| ● diffuse | ● white    |
| ● direct  | ● coloured |
- illuminant

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## Camera

- image sensor
- resolution
- bit depth
- «raw» data
- lenses

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