

Test Project

Painting and Decorating

Independent Test Project Designer: Peter Walters SCM
Independent Test Project Validator: Ian Vickery

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Introduction to Test Project

The Test Project for painting and decorating consists of:

- Painting a door
- Colour-bands
- Wallpaper hanging.
- Decoration
- Lettering
- Free painting techniques.

Lyon is the third largest city of France. It is located at the confluence of the rivers Rhone and Saone, to the northwest of the French alps, 391 km (243 mi) southeast of Paris, 278 km (173 mi) north of Marseille, 113 km (70 mi) southwest of Geneva, 58 km (36 mi) northeast of Saint Etienne.

The City of Lyon had a population of 522,000 in 2023 within its small municipal territory of 48 km² (19 sq mi), but together with its suburbs and exurbs the Lyon metropolitan area had a population of 2,293,180 that same year, the second most populated in France. Lyon and 58 suburban municipalities have formed since 2015 the Metropolis of Lyon, a directly elected metropolitan authority now in charge of most urban issues, with a population of 1,416,545 in 2020. Lyon is the prefecture of the Auvergne-Rhône-Alpes region and seat of the Departmental Council of Rhône (whose jurisdiction, however, no longer extends over the Metropolis of Lyon since 2015).

The capital of the Gauls during the Roman Empire, Lyon is the seat of an archbishopric whose holder bears the title of Primate of the Gauls. Lyon became a major economic hub during the Renaissance. The city is recognized for its cuisine and gastronomy, as well as historical and architectural landmarks; as such, the districts of Old Lyon, the Fourvière hill, the Presqu'île and the slopes of the Croix-Rousse are inscribed on the UNESCO World Heritage List. Lyon was historically an important area for the production and weaving of silk. Lyon played a significant role in the history of cinema since Auguste and Louis Lumière invented the cinematograph there. The city is also known for its light festival, the Fête des Lumières, which begins every 8 December and lasts for four days, earning Lyon the title of "Capital of Lights".

Economically, Lyon is a major centre for banking, chemical, pharmaceutical and biotech industries. The city contains a significant software industry with a particular focus on video games; in recent years it has fostered a growing local start-up sector. The home of renowned universities and higher education schools, Lyon is the second-largest student city in France, with a university population of nearly 200,000 students within the Metropolis of Lyon. Lyon hosts the international headquarters of Interpol, the International Agency for Research on Cancer, as well as Euronews. According to the Globalization and World Rankings Research Institute, Lyon is considered a Beta city, as of 2018. It ranked second in France and 40th globally in Mercer's 2019 liveability rankings.

Description of project and tasks

The Competitor must carry out, independently, the following tasks:

- All preparations of base walls and woodwork
- Application of water-based filler, primer, undercoat, semi, and gloss finish
- Application with filling tools, paintbrush, paint roller and HVLP spray gun
- Preparation and application of wall hangings
- Drawing and attaching a design
- Attaching lettering and signs
- Measuring points
- Painting of colour bands
- Application of a free painting technique of the Competitors own choice
- Materials and tools for free technique must be brought by the Competitor.
- Prefabricated parts are allowed

Instructions to the Competitor

Workbox size for the Competitor: 2.0 m x 2.40 m and 4.0 m wide and 2.40 m high.

Between the corners of Wall A and Wall B/Wall B 90 degree.

Open on the front side (facing the visitors).

Wall A (2.00 m x 2.40 m) for door and wallpaper hanging.

Wall B (4.00 m x 2.40 m) for decoration design and lettering, wallpaper hanging, colour designs and free painting technique.

- Decoration design, lettering, and measuring (approx. 11 hours)
- Painting door (approx. 6 hours)
- Hanging wallpaper (approx. 1.5 hours)
- Free technique - demonstrate personal abilities (approx. 2 hours)
- Painting colour designs and measuring (approx. 1.5 hours)

Total time 22 hours

Wall B Design

The wall is ready painted with white colour.

Design: The measurements of the panel are 2300 mm x 1750 mm. The panel is made from plasterboard/MDF or similar and will have already been given an undercoat (white dispersion).

Construction of a given design and freehand painting without the use of masking tapes, masking films or masking shields. E.g., using paintbrush, roller, and mahl stick/painter ruler.

All original colours will be provided and must be applied as shown on the colour schedule.

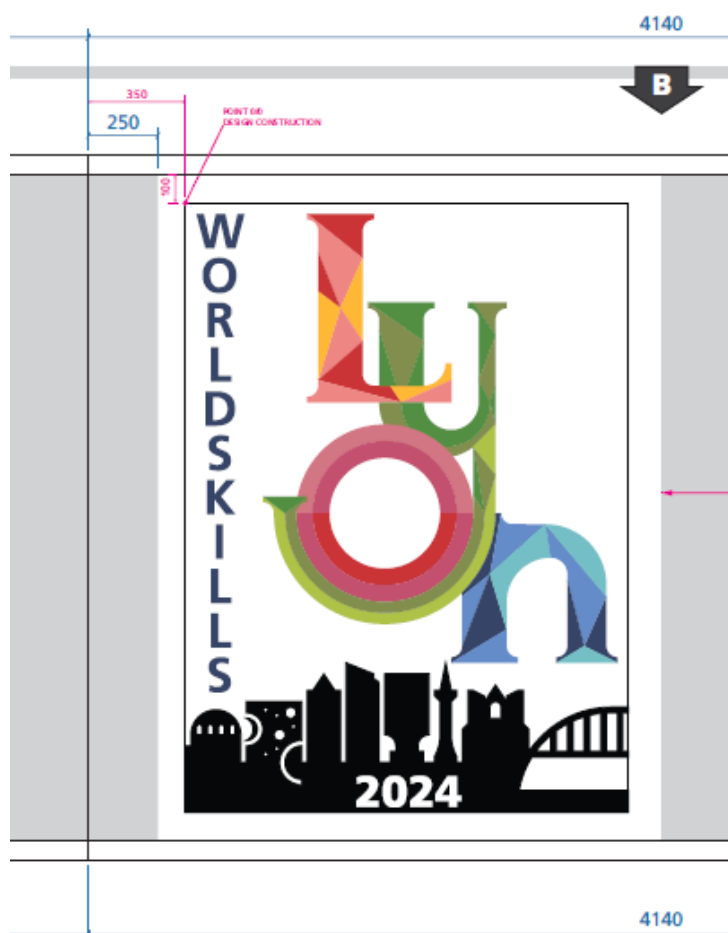
The Design must not be drawn using a marker pen, only with a pencil. Guidelines should not be visible. It is not permitted to scratch with a knife before or after painting!

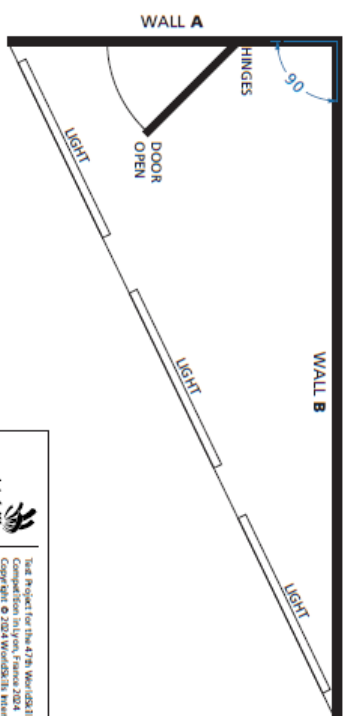
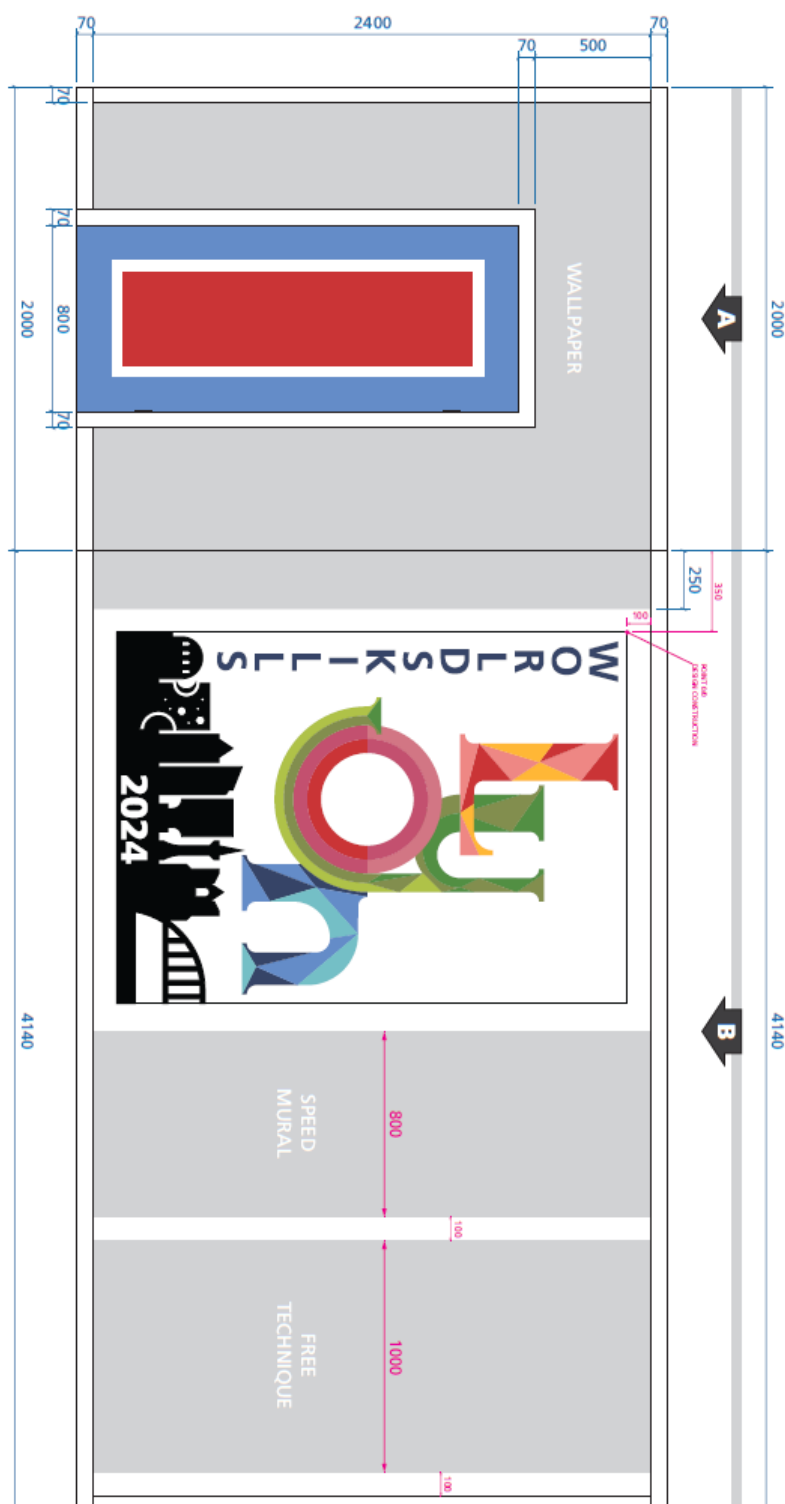
Lettering

The lettering "Worldskills" and "2024" will be provided 1:1 as an already cut sign mask film and must be painted in the given colour.

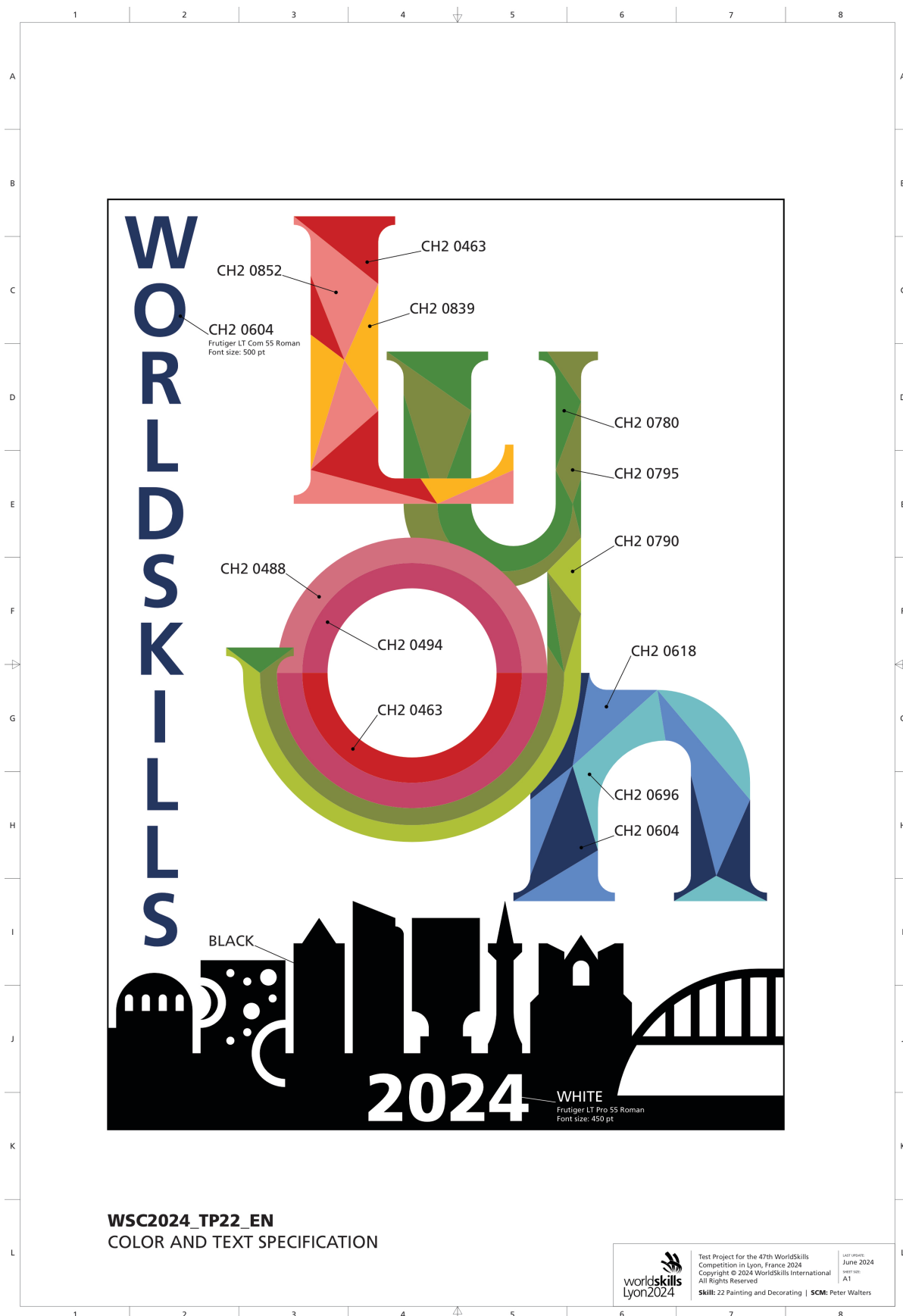
Time to finish: Day 1 to day 3 Lettering (Worldskills and 2024)

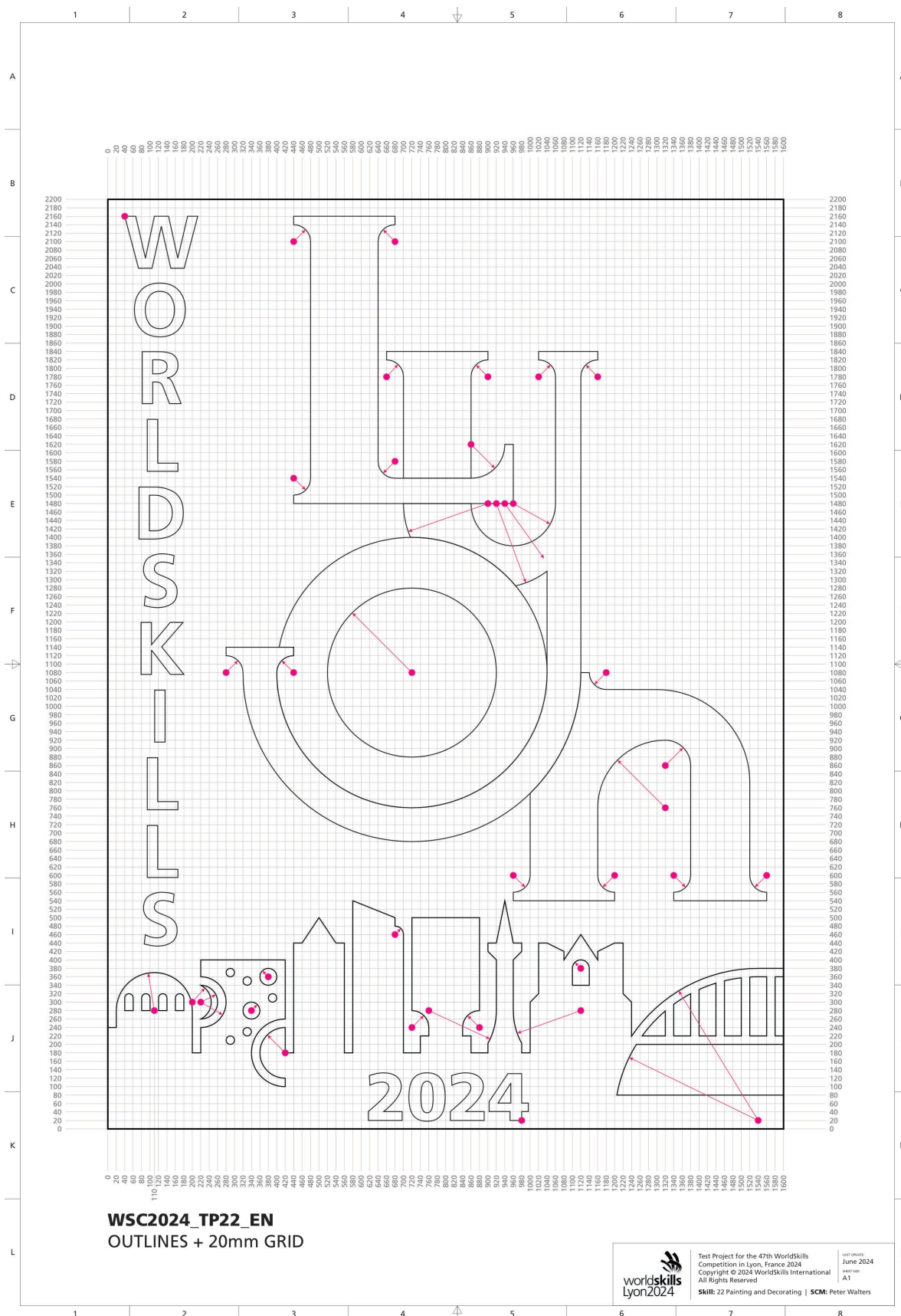
Day 1 to day 4 Design

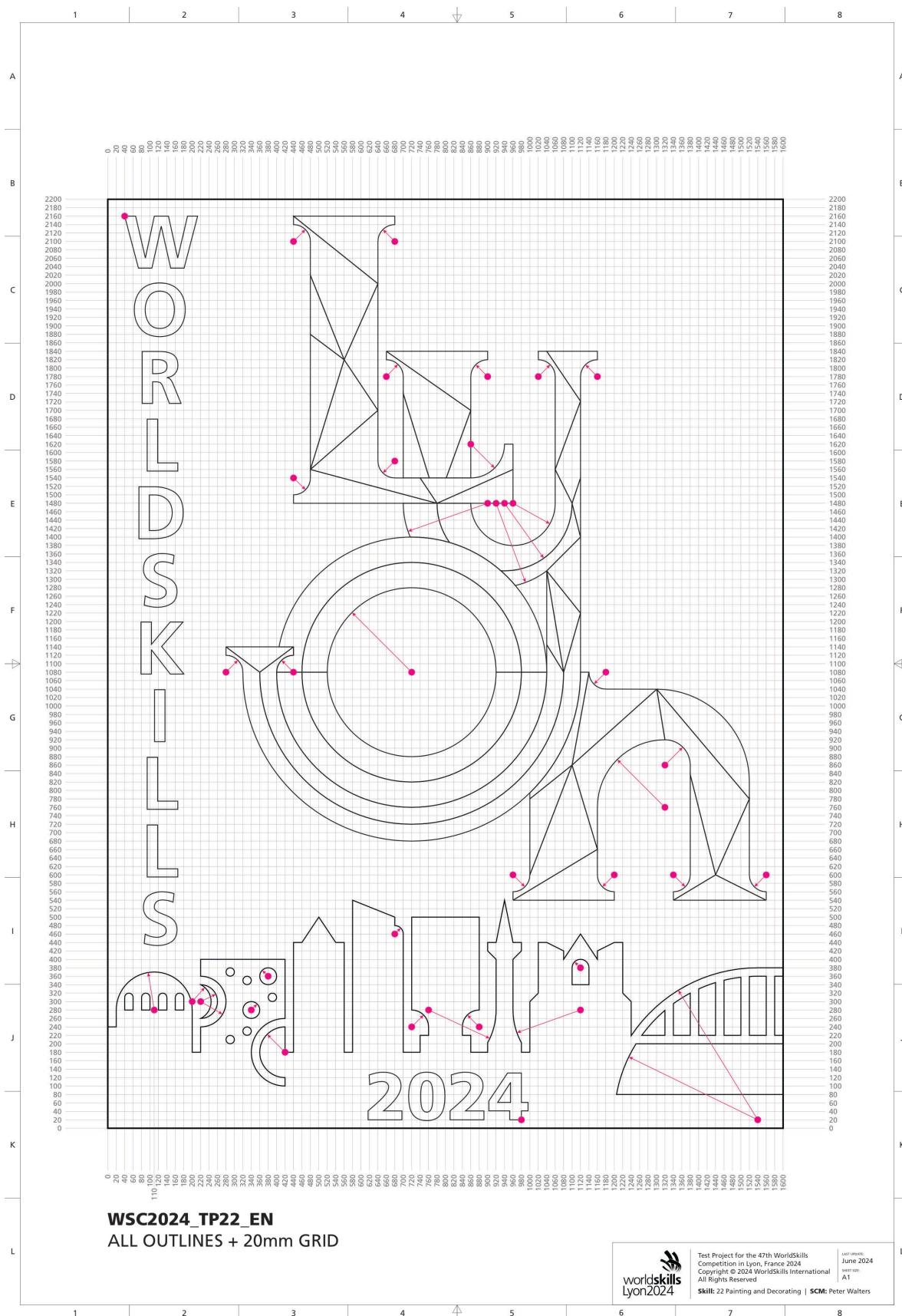


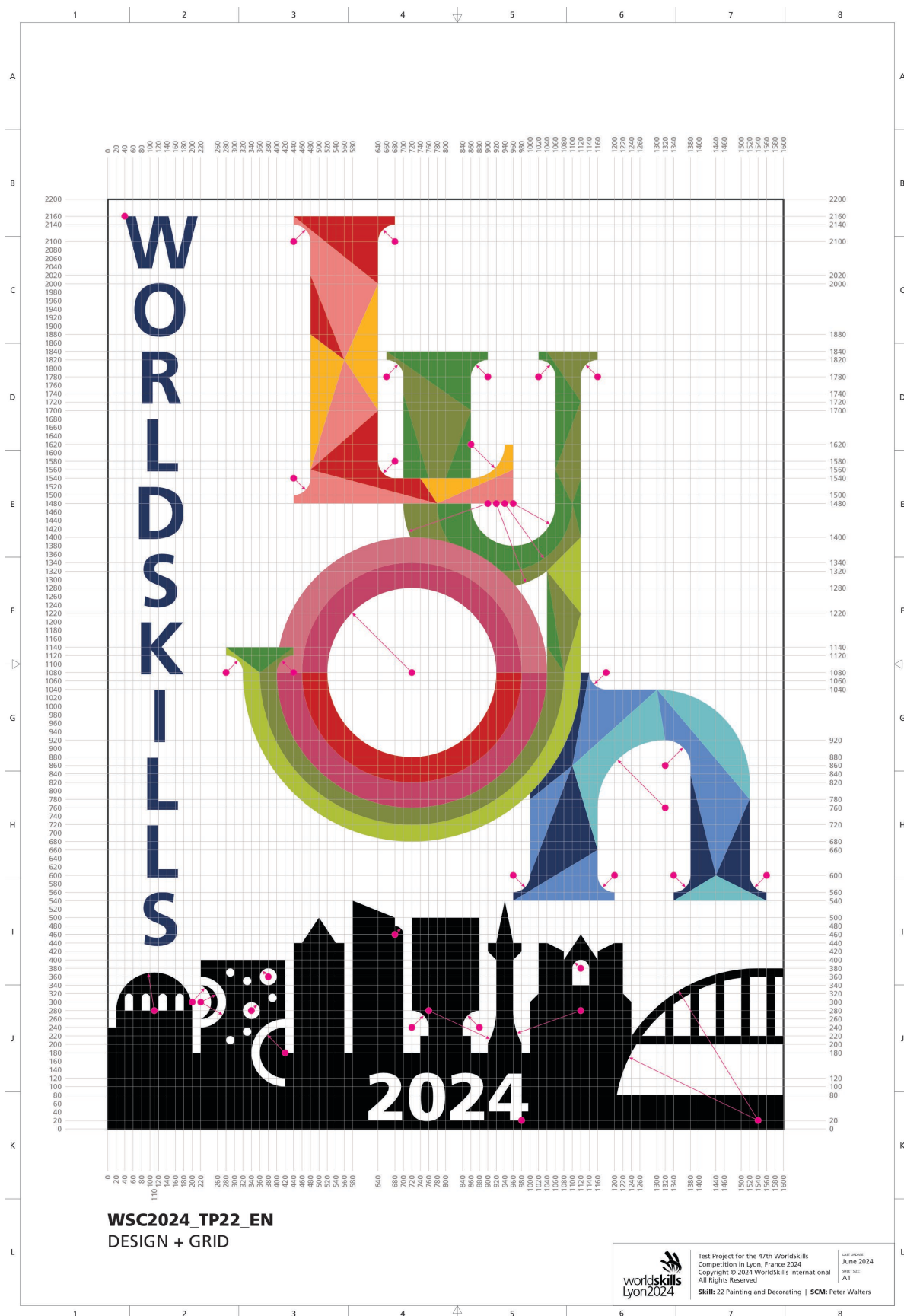












Wall B Speed mural

Wall: (the wall is ready painted, white colour)

Colour design:

The measurements of the panel are 800 mm x 2400 mm. The working area is manufactured from plasterboard/MDF or similar and will have been given an undercoat (white dispersion).

Experts must draw the mural for module 5 during the preparation days at the Competition (C-2 to C-1). The Experts need to choose from a minimum of two.

Maximum of four murals, which will be prepared at the competition and be designed so that there is no wet paint on wet paint.

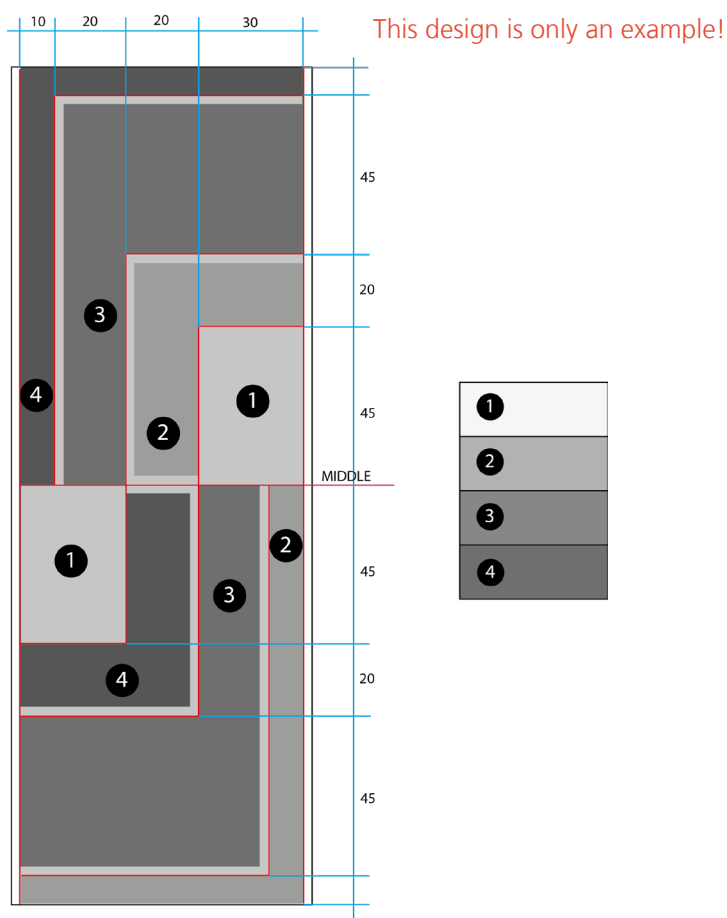
Colour matching

Mixing of two predetermined colours (1 and 4) and in harmonic nuances. (Two coloured grading.)

Construction of a given design on the panel and paint the sections with three colours according to the plan. The sections must be masked by tape.

Time: Day 1, Colour mixing, preparation background

Day 2, harmony design



Wall B Free Technique

Application of a decorative painting technique chosen by the Competitor. Materials/tools for this exercise must be brought by the Competitor.

No wallpaper or glass fibre are allowed.

Also, elements in three dimensions are not allowed.

Prefabricated templates are allowed (ready cut masking film).

The whole dimensional area must be covered by a manual technique. The use of pre-prepared materials for projection are permitted, however all techniques must be applied manually. The projection of a pattern via beamer or similar appliance must be done within the provided workspace. All the work must be done within the work booth, which the Competitor must not leave.

The free technique module must include an info sheet, this is to be brought along to the Competition and include the following points:

- Competitor name and country/region.
- Applied materials for the free technique (only water-based material).
- Layout for the free technique, without dimensions.

This Info sheet must be given to the Chief Expert before the start the Competition. It will be appraised in module 3.

Layout for the free technique with coloured draft (plan) or coloured, printed photo, without dimensions. The Competitor needs to use the whole surface of the free technique panel.

Time to finish: Day 1 to day 3

Total working time: 22 hours

Equipment, machinery, installations, and materials required

ITEM	QUANTITY	MATERIAL	DESCRIPTION
Paintwork			
Industry work clothing	Min 1	White cotton	Protection of upper and lower body
Safety shoes	1 pair		Steel toe cap
Ear protection	1		
Dust mask P2/P3	1		
Paint gloves (thin)	4+		
Filling knives/spatulas	Assortment		
Paintbrushes for acrylic paints	Assortment		
Paint rollers for acrylic paints	Assortment		
Paint pots\containers	6		1 litre approx. for colour mixing
Sanding machine & vacuum (inform CSM or WM if you cannot provide one)	1		
Abrasives	Assortment for mechanical and hand abrading		
Drawing and Sign work			
Soft and hard drawing pencils	Assortment		
Set squares, rulers and drawing aids	Assortment		
Compasses/trammels	1		
Spirit/water level	1		
Sign writing brushes (sables, one strokes, chisel etc)	Assortment		
Colour design			

ITEM	QUANTITY	MATERIAL	DESCRIPTION
Paint brushes	Assortment		
Paint pots	Assortment		
Air heater	1		
Extension lead	1		
Spirit level	1		
Free painting technique			
Design, drawing photograph for free technique.			
Tools required to complete technique			
Masking material/tape	Assortment		
Wallpaper hanging			
Paperhanging brush/ spatula	1		
Paperhanging tools (pasting brush/roller, snap off blade knife, plumb-bob, decorators sponge)	1 of each		

Other

- For Competitors: no use of mobile phones during the work on the competition floor.
- You are allowed to use digital music players during the competition.
- Eating food and drinking is not allowed on the competition floor. (water and snacks are)
- You need to always wear personal protection, and when necessary.
- Wear appropriate work clothing.
- Safety Shoes must be always worn in work areas and competition work bays.
- Cleaning of the working area, tools and equipment carried out after competition time.
- For Experts: no use of mobile phones in the vicinity of the Competitors.
- Experts must give the Competitors space on the competition floor, to do their work.