



INTERNAL TECHNICAL STANDARD

1.08 Colour standard

Updated on: 2015-06-03

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Remark:

Safety colour markings must be consulted with VSU and BP ŠKODA AUTO.

Disputable, optionally, warning colours not used in parts II., III. and IV.

ŠKODA AUTO colour norms must be solved with VSU - BP ŠKODA AUTO.

Color standards, ŠKODA AUTO a.s. for Technology, part III, point D must be deal with VSB.



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Therefore we strongly recommend that everybody checks the ITS regularly. These documents become valid on the date of their last update. For the contracts signed is decisive the validity of the ITS at the time of the order.

Note: In case of any differences between the Czech, English or German language mutation of this ITS, the Czech version takes precedence. The Czech version is available at <http://cts.skoda-auto.com/>.

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Amendment No	Date:	Remark:
1.	1999-04-09	Part III.- point 4.3.1- Ral 7032
2.	2002-02-01	Arial font, ŠKODA AUTO logotype
3.	2007-01-12	Change of colours (windows, decorative stripes, doorframes, gates, sheet covering of mouldings, fencing)
4.	2010-12-21	fully revised
5.	2012-02-28	fully revised
6.	2015-01-09	Revised
7.	2015-06-03	Part III - point D - Technology



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1.	Component name	ČSN colour	RAL colour
I.	<u>PART – SAFETY MARKINGS</u>		
A.	BUILDING PART		
1.1	Stairways, steps, landings - generally The first and last steps of each flight must be discernible from the surrounding floor		unspecified
1.2	Banisters		
1.2.1	handrails	6200	1018
1.2.2	gate, door stops	6200	1018
1.3	Thoroughfare gate profiles, passages		
1.3.1	edges, corners Width 100 mm (V-shaped) Height 2100 mm (combination of colours - 45°angle - ČSN 018010)	6200/1999	1018/9017 combined
1.3.2	Pillars in the handling areas ditto as applies to point 1.3.1.	6200/1999	1018/9017 combined
1.3.3	Free wing of the gate ditto as applies to point 1.3.1.	6200/1999	1018/9017 combined
1.3.4	Transparent door panel label		
1.3.5	Edges of loading platforms and ramps ditto as applies to point 1.3.1.	6200/1999	1018/9017 combined
B.	BUILDING TECHNICAL EQUIPMENT		
2.1	Marking of pipes	Refer to Part III, point 3.1.	
2.2	Banisters		
2.2.1	handrails	6200	1018
2.3	Steel ladders, exits		
2.3.1	1 st and last rung	6200	1018
2.4	Protective basket – lower part Close to road	6200	1018
C.	TECHNOLOGY		
3.1	Overlapping contours of machine, equipment parts aisles	6200	1018
3.1.1	transport roads	6200/1999 combined	1018/9017
3.2	Covers for drive gears and dangerous components	6200	1018
3.2.1	sense of rotation – arrow on the cover electric motors	8190	3000
3.3	Crane line stops	6200	1018
3.4	Trailing components of cranes and conveyers	6200	1018



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3.5	Enclosures for automated lines (only doorframes)	6200	1018
3.6	Bottom part of press rams	6200	1018
3.7	Dangerous tools – stamping dies		
3.7.1	20 mm wide strip	6200	1018
3.7.2	Highlighted letter N – refer to ČSN 226002	8190	3000
3.8	Pressure, cutting and other hazardous areas that cannot be covered for technological reasons	8190	3000
3.9	Highest points of technological equipment in the crane track ditto point 1.3.1.	6200/1999 combined	1018/9017
3.10	Machine lubrication points	2320	8024
3.11	Mobile components of automated lines	6200	1018
3.11.1	movement direction marked with arrow	8190	3000
3.12	Edges of loading platforms and ramps ditto as applies to point 1.3.1.	6200/1999	1018/9017
3.13	Edges of mobile machine tool benches	6200	1018
3.14	Flat side skids of forklift stackers ditto as applies to point 1.3.1.	6200/1999 combined	1018/9017
3.15	Railway wagon wheel guard plates	6200	1018

D. ROADS, FLOORS

4.1	Ground markers (where necessary)		
4.1.1	transport track width 100 mm	6200	1018
4.1.2	coupling sections	6200	1018
4.1.3	traffic markings	1000	9010
4.1.4	edges of pedestrian ways – corners of width 100 mm	1000	9010
4.1.5	projections, sharp height transitions in the roads – height differences	1000	9010
4.1.3	lining of interior roads	1000	9010



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4.1.7 traffic warning signs – road obstacle (square stripes)

8190/1000
combined

3000/9010

II. PART – COLOUR SOLUTION OF SOCIAL – ADMINISTRATIVE FACILITY ELEMENTS

Remark:

* Colour in the RAL scale marked with a star *

- Use of the colours according to discretion as per general solution.

- The given colour is not pure according to the RAL sampler, but concerns a guiding colour shade based on the RAL sampler, which consists of or may consist of multiple additional colours depending on the material used (floorings, tiles, upholstery, textiles).

A. OFFICES

1.1	Ceiling	9010
1.2	Wall surface	9010
1.3	Pillars	9010
1.4	Windows	9002 – identification colour 9010 9006
1.5	Doorframe	9010
1.6	Door - wing	9010
1.7	PVC flooring	7035, e.g. stebiflor melir 2236-1 9002* ideal 1722-2 7040* ideal 1722-3 (Fatra Napajedla)
1.8	Carpet flooring	9011* e.g. Loop - anthracite
1.9	Screens	
1.9.1	Panel elements	9018, 9011 (anthracite)
1.9.2	Bar elements	9018 9011
1.10	Louvers (vertical with weights) (horizontal)	9010, 1013 9010, 9006
1.11	Radiators - or window colour, if it will be part of the walls	9010

B. CONFERENCE ROOMS



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2.1	Celiling	9010
2.2	Wall surface	9010
2.3	Pillars	9010
2.4	Windows	9002 – highlighting colour 9010
2.5	Doorframe	9006 9010
2.6	Door - wing	9010
2.7	PVC flooring	7035, e.g. stebiflor mixed 2236-1 9002* ideal 1722-2 7040* ideal 1722-3 (Fatra Napajedla)
2.8	Carpet flooring	9011* e.g. Loop - anthracite
2.9	Louvers (vertical with weights) (horizontal)	9010, 1013 9010, 9006
2.10	Radiators - or window colour, if it will be part of the walls	9010

C. MEDICAL FACILITIES

3.1	Celiling	9010
3.2	Wall surface	9010
3.3	Pillars	9010
3.4	Tiling	Highlighting colour
3.4.1	Decorative strip	7038 (example)
3.5	Windows	9010 9006
3.6	Doorframe	7038 (example)
3.7	Door - wing	9010
3.8	PVC flooring	6034* 7035*
3.9	Tiled floor	6034* 7035*
3.10	Decorative strip	7038 (example)
3.11	Louvers	9010
3.12	Radiators - or window colour, if it will be part of the walls	9010
3.13	AC vents	9010 Stainless steel

D. EATING PLACE



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4.1	Celiling	9010
4.2	Wall surface	9010
4.3	Pillars	9010
4.4	Tiling	Highlighting colour 9010
4.5	Windows	9010
4.6	Doorframe	9006 7038 (example)
4.7	Door - wing	9010
4.8	Tiled floor	1013* 7044*
4.9	Radiators, AC vents	9010
4.10	Fume-hoods, grease traps	Stainless steel 9002
4.11	Technology	Stainless steel 1013
4.12	Accentuating colour	1021*
E.	DINING HALL	
5.1	Celiling	9010
5.2	Wall surface	9010
5.3	Pillars	9010
5.4	Tiling	Highlighting colour 9010
5.4.1.		Accentuating strip 1021*
5.5	Windows	9010
5.6	Doorframe	9006 7038 (example)
5.7	Door - wing	9010
5.8	Tiled floor	1013* 7044*
5.9	Issue window	9010
5.9.1	Accentuating strip	1021
5.10	Louvers	9010 9018
5.11	Radiators, AC vents	9010
F.	DRESSING ROOMS	
6.1	Celiling	9010
6.2	Wall surface	9010
6.3	Pillars	9010
		tiles



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6.4	Tiling	9010
	Decorative strip	7038 (example)
6.5	Windows	9010
		9006
6.6	Doorframe	7038 (example)
6.7	Door - wing	9010
6.8	PVC flooring, trowel-on coating	7035*
6.9	Tiled floor	9018*
6.10	Decorative strip	7038 (example)
6.11	Louvers	9010
6.12	Radiators	9010
6.13	AC vents	9010
6.14	Cabinets	Stainless steel 9010*, 1021* 5021*
6.15	Benches - in relation to the opposite colour of the cabinets	5021* 9010*, 1021*
G.	WC, WASHROOMS	
7.1	Celiling	9010
7.2	Wall surface	9010
7.3	Pillars	9010
7.4	Tiling	9010, 9018 e.g. the firm RAKO T 4002
7.5	Decorative strip	7038 (example)
7.6	Windows	9010 9006
7.8	Door - wing	9010
7.9	Tiled floor	7035, e.g. the firm RAKO 34001
7.9.1	Decorative strip	7038 (example)
7.10	Partition walls	9010 5018*
7.11	Doors in the partition walls	9010 5018*
7.12	Wash drains	9010
7.13	Non-skid mats	5018 5021
7.14	Louvers, non-transparent foil	9010



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7.15	Radiators	9010
		9018*
7.16	AC vents	9010
		9018*
		Stainless steel
H.	STAIRWAYS	
8.1	Celiling	9010
8.2	Supporting structures	9010
		9018*
8.3	Wall surface	9010
	identification colour	9002
		5018*
8.4	Steps, landings - tiles, teracco (slabs)	
	- film	7035*
8.5	Banisters	9010
8.5.1	Accentuating colour (guardrail)	9010
		1021*
		wood

III. PART – COLOUR SOLUTION OF THE INTERIOR PRODUCTION ELEMENT

A. BUILDING PART

1.1	Pillars	9010*
		9002*
1.2	Trusses	9010
1.3	Walls	9010
1.4	Celiling	9010
1.5	Floor	
1.5.1	Basic floor colour	7035
		7038*
1.5.2	Double-stripe road markings (where necessary)	9010
	Refer to chapter "Safety Markings", chapter 4	
1.5.3	Main roads – alternative to point	7040
	1.5.2.	7042*
1.6	Technological gallery, working platforms	
1.6.1	Supports (platforms, etc.)	9010*
		9002*
1.6.2	Vertical support structures	9010*
		9002*
1.6.3	Floors	7035
1.6.4	Floor grilles	7035*
		galvanising
1.6.5	Trap grilles	9010
1.8	Windows	9010
		9006



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1.9	Doors, gates	
1.9.1	Primary colour	9002, manufacturer's colour
1.10	Heating units	9010
1.11	Rack design	
1.11.1	Supporting structures	9018*, 9010*
1.11.2	Mesh panel	9018*, 9010*
1.12	Metallic wall structures	
1.12.1	Supporting structures	9018*, 9010*
1.12.2	Panel	9018*, 9010*
1.12.3	Decorative colour	7038 (example)
1.13	Safety partitions - nets	
1.13.1	Supporting structures – according to type	9018*, 9010*
1.13.2	Panel	9018*, 9010*
1.13.3	Doors in protective netting - frame	1018
	- panel	9018*/9010*
1.14	Safety horizontal trapping nets:	
	- up to a height of 2.1m above floor level	1018
	- above a height of 2.1m above floor level	9010
1.15	Staircase in the technological plant	
1.15.1	Steps, stairwell string	7038
	wall string	9010
1.15.2	Landing	7038
1.15.2.1	Horizontal supporting structure	9010
1.15.2.2	Floor	7038
1.15.2.3	Banisters	
	- design	9010
	- handrail, according to the design of the banister	1018 as per requirements
		9010 working safety
1.16	Crash barriers	1018
	or diagonals	1018/9017

B. BUILT-IN CELLS

2.1	Built-in cells	
2.1.1	Outside wall surface	9010
2.1.2.1	Primary colour	9010
2.1.2.2	Decorative colour	9018
2.1.2.3	Window	9010*
2.1.3	Door - wing	9002, 9010*, 9006*
	- frame	9002, 9010*, 9006*
2.1.4	Interior wall	9010
2.1.5	Interior suspended floor	9010



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2.1.6	Interior floor	7038
2.1.7	Radiator (parapet unit)	9010
2.1.8	Illuminator	9010
2.1.9.	Air-conditioning	9010
		or stainless steel
2.2.0	Decorative colour	7038 (example)

C. BUILDING TECHNICAL EQUIPMENT

3.1	Piping according to ČSN 130072		
	Water	5014 light pastel green	6019
	Water vapour	1010 silver grey	7038
	Air	4400 light blue	5017
	Inflammable gases	6600 light umber	1006
	Non-inflammable gases	6600 light umber	1006
	Acids and acidic substances	violet	4008
	Alkali and alkaline substances	violet	4008
	Fluids and inflammable substances	2320 brown	8007
	Other substances	1999 black	9017

Apart from the full coating of the pipes, it is possible to select marking by means of either labels, coloured elements or use a combination of both.

Design according to ČSN 130072, article 3-10

Basic colour (if not stated otherwise) 9010/9018

3.2	Air-conditioning	
3.2.1	Technological AC	9010, galvanised sheeting
3.2.2	Outlets	9010, galvanised sheeting
3.2.3	Parapet unit	9010
3.3	Illuminators	
3.3.1.	General lighting	9010
3.3.2.	Illumination of the work area (lines)	9010

D. TECHNOLOGY

4.1	Machine equipment	9018, 9002
4.1.1	Mobile or dangerous parts	1018
4.2	Robots	1018, manufacturer's colour
4.3	Electric Cabinet	
4.3.1	Primary colour	7035, 9018*
4.3.2	Identification colour	3000*
4.5	Conveyor-belt	
4.5.1	Track	9010, 9002* 6018*
4.5.2	Track suspension	9010, 9002*
4.5.3	Drip plate under the chain	9010, 9002* 6018*
4.7	Mobile lift parts and running sections (including tracks)	1018



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4.8	Mobile parts on the conveyer track	1018*
4.9	Crane	
4.9.1	Track	9018
4.9.2	Bridge	9018*
		9006*
4.9.3	Engine removal trolley	9018*
		9006*
4.9.4	Hook, diagonal stripes	1018/ 9017
4.9.5	Buffer	1018
4.10	Electric cars, towing units	1018

E. INVENTORY ITEMS

5.1	Working cabinets	9018
5.1.1	Decorative colour	1003 (example)
5.2	Lockers	9010*
		9018*
5.3	Auxiliary racks	9010*
		9018*
5.4	Jigs	9018
5.5	Working tables	9018

IV. PART – COLOUR SOLUTION OF THE EXTERIOR ELEMENTS

REMARK

If more than one colour appears under one item, this concerns variants that must be solved in relation to:

- design character of object
- requirement for character differentiation of similar areas if the number of such areas is large
- requirement for orientation differentiation in relation to a large number of similar elements
- in a row (corridor)
- above one another (floors)
- and the like.

Basic colour – colour used as the base for the whole object

Highlighting colours - sharp colours used to highlight important architectonic elements and for basic orientation

Decorative colour – colour used on a small scale for smaller objects to individualise the environment

Identification colour – a colour of informative character that accentuates a certain function (type of entrance, type of built-in cell and the like).

Safety colour – colour with a set shade that is allocated safety significance

A. OLD PLANT

1.1	Facade (plastered)	
1.1.1	Pilasters	9010
1.1.2	Ledges	9010
1.1.3	Ornamental strips	9010
1.1.4	Window piers (mullions)	9018



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1.1.5	Parapets	1013 9018
1.1.6	Chatelaines	1013 9018
1.2	Windows	1013 9010*
1.3	Doors	9010, 9002
1.3.1	Atypical glazing solutions	
1.3.2	Gatehouse, "atypical "gate" solutions	
1.4	Gates	9002
1.5	Sheet metal lining of ledges	7035
1.6	Sheet metal lining of parapets	7035
1.7	Air-conditioning	7035 or in relation to the colour of the facade
B.	NEW PLANT	
2.1	Façade	
2.1.1	Primary colour	9010
2.1.2	Pilasters	9010
2.1.3	Decorative colour	7035 7038
2.1.4	Glazed panels	9006, 9010
2.2	Windows	9010 9006
2.3	Gates	
2.3.1	Primary colour	9002
2.4	Sheet metal lining of ledges	7035
2.5	Exterior AC	9010, 7035
2.6	Conveyer bridges	9006*, 9010*
2.7	Fencing	
	Pillars	6016
	Netting	9010, galvanised

V. PART – COLOUR IN THE RAL SCALE

No.	Title	Bezeichnung
1003	Signal Yellow	Signalgelb
1013	Oyster white	Perlweiß
1018	Zinc yellow	Zinkgelb
1021	Rape yellow	Rapsgelb
3000	Flame Red	Feuerrot
5018	Blue Turquoise	Türkisblau
5021	Water blue	Wasserblau
6018	Yellow green	Gelbgrün
6016	Turquoise green	Türkisgrün
6033	Mint turquoise	Minttürkis
6034	Pastel turquoise	Pastelltürkis
7000	Squirrel grey	Fehgrau
7031	Blue grey	Blaugrau
7035	Light grey	Lichtgrau
7038	Agate grey	Achatgrau
7040	Window grey	Fenstergrau
7044	Silk grey	Seidengrau
9002	Grey white	Grauweiß
9006	White aluminium	Weißaluminium
9010	Pure white	Reinweiß
9011	Graphite black	Graphitschwarz
9017	Traffic black	Verkehrsschwarz
9018	Papyrus white	Papyrusweiß



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Colour solution of exterior elements – New Plant

RAL
9010RAL
7035, 7038

Colour solution of exterior elements – Plant A

RAL
9006RAL
9010

Colour solution of interior production elements – New Plant

RAL 9010	Pillars, walls, suspended floor AC – main indoors distribution line Guardrails - design, trimming Trusses, windows Technological AC, exhaust outlets
RAL 9002	Technological gallery - supports Doors, gates

RAL 7038 7035	Floor
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RAL 9018	Machine equipment	Rack structures, metallic wall-mounted structures
	Grid trimming	
	Lockers	
RAL 9010 6018	Conveyor-track Illumination of the work area	

RAL 1018	Body hanger Mobile lift parts and running sections (including tracks)
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Colour solution of interior production elements – Plant A

RAL 9006	Design Pillars (tree effect)
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	Roof trusses Binding rafters Trimmers Illuminators
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RAL 9010	Roof cladding Walls Technological platform Auxiliary façade structure Office partition walls
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RAL 1018	Conveyer equipment, hangers and technology
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9010

RAL Energy distribution
9010 +
According to ČSN

RAL Ventilation
9010
galvanising
sheet-metal

RAL Reinforced concrete pillars
9002 or concrete
w/o coating

RAL Floor
7035
7038