



Bengkel

Pengenalan JPEDIA & JCOP

@ JKR Malaysia

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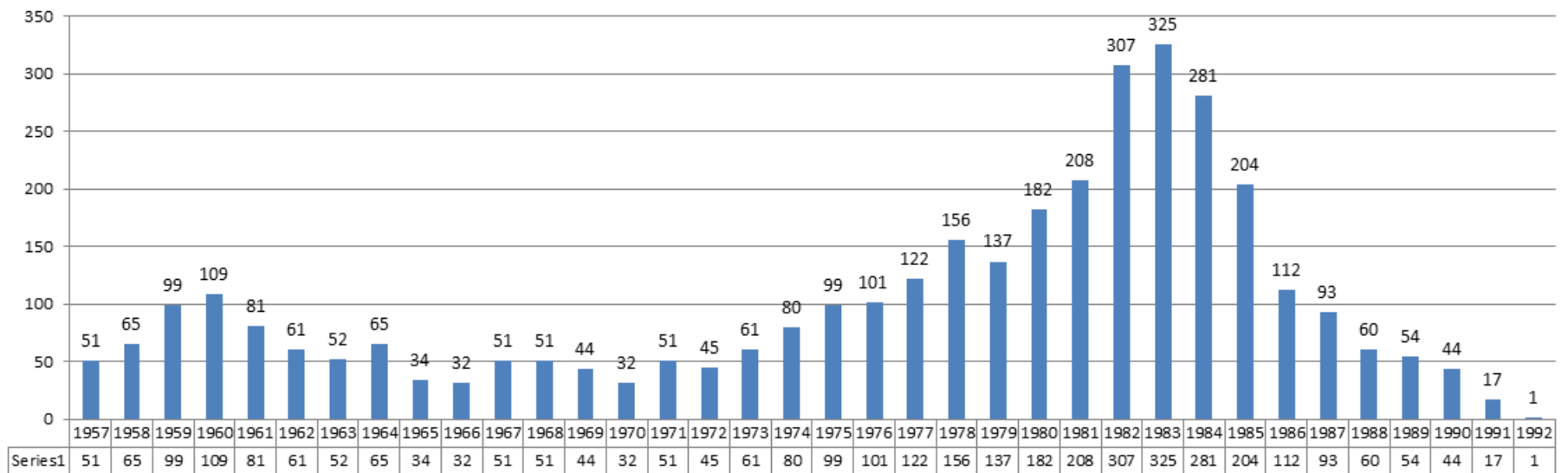
Why ECKM matters to us

- 1 Our most critical technical knowledge remains siloed in the organisation – or worse, is heading out the door



- 2 Our people work at different locations and are geographically dispersed. Knowledge sharing across the department becomes more challenging. People are not learning from each other and are reinventing the wheel

Ringkasan Jumlah Pegawai Pengurusan & Profesional berdasarkan Umur



The KM Agenda

*To cultivate **knowledge sharing and learning culture** across department through the use of proven **effective knowledge sharing tools***



MAJOR KM INITIATIVES (since 2008)

- 1 JPedia**, an online repository to share knowledge-in-context)
- 2 Communities of Practice** to share domains of knowledge
- 3 JCoP**, an online platform to ask and discuss
- 4 Project Lessons Learned System** to share key project learnings
- 5 KM Toolbox**, set of tools and techniques to capture and share insights and ideas
- 6 JKR Yellow Pages** to locate experts within the department
- 7 E-Learning** to provide 24 x 7 learning environment

Types of Knowledge



Information, Documents,
Records and Files

EXPLICIT KNOWLEDGE
Identified and Codified

20%

**USE IT OR
LOSE IT**

TACIT KNOWLEDGE
Lives in people and their practices
Experiences, Competence,
Commitment, Deeds and Thoughts

80%

JKR Knowledge Transfer Strategies and Initiatives



Personalisation Strategy

Uses technology to provide information of "what" and "who" means.

Connecting
People to People

Communities of Practice

JCoP

JKR Yellow Pages

Codification Strategy

Detaches knowledge from individuals and codifies it into a form that can be shared and accessed by anyone.

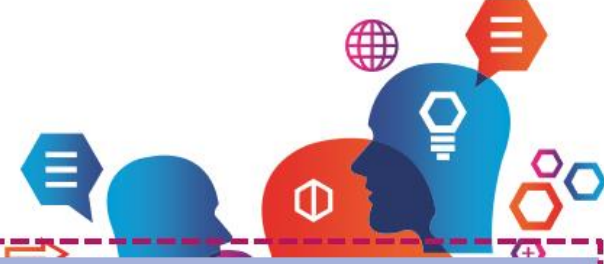
Connecting
People to Content

JPedia

E-Learning

Project Lessons Learned

JKR KM Online Tools



JPedia

Online Knowledge Repository

- Best Practices
- PM Competency Framework
- Project Lessons Learned
- Technical References and Guides
- Presentations
- Conference Papers



Connect People to Content

JCoP

Virtual Communities of Practice

- CoP Domains
- Subject Matter Experts Profile
- Ask and Discuss Online Platform



Connect People to People

Home page Community portal Current events Recent changes Random page Help

JKR

What is JKRpedia

JKRpedia is an online encyclopedia of knowledge, information, ideas and experiences in the field of knowledge, information, ideas and experiences. It is a free encyclopedia where anyone can contribute to the knowledge base. It is a free encyclopedia where anyone can contribute to the knowledge base.

Navigation: Main Page, Community portal, Current events, Recent changes, Random page, Help

Search: Go, Search

Toolbox: What links here, Related changes, Special pages, Printable version, Permanent link

Keretakan tembok

+5
votes

asked Mar 25, 2014 in Structure by Mastura (170 points)

Bangunan asal sekolah ini empat tingkat dan hanya satu tangga disediakan. Kemudian, tangga tambahan dibuat pada bangunan tersebut. Sekarang, ada keretakan diantara bangunan asal dengan tangga tambahan tersebut. Bagaimana?

commented Apr 1, 2014 by Rosli (4,750 points)

Dinding untuk koridor perlukan stiffner dan dowel bar. Begitu juga dinding tan baru dengan blok sekolah. Jika tidak disediakan stiffner + dowel bar, bermaksu dinding tersebut bergantung pada sambungan antara tangga baru dan blok sekolah (self weight) dan berisiko untuk runtuh. Le pelajar / murid sekolah bertolak-tolak pada dinding tersebut. Untuk loading ini boleh dirujuk dalam Tab



Co

Share Tacit Knowledge

Struktur tangga baru yang dibuat pada bangunan asal (structural joint) dengan tangga lama yang ada. Enck Harjit.

Punya dibuat kepada semua sambungan antara slab tangga dengan lantai koridor pada setiap tingkat. Kemungkinan ada yang retak banyak dan ada juga sedikit pada sambungan antara tangga baru dan blok sekolah. Dikawatiri pecahan mortar yang jatuh boleh mencederakan kepala pelajar / murid yang melalui di kawasan tangga baru tersebut.

Punca kenapa berlaku "gap" tersebut perlulah diketahui supaya pembaikan dibuat tidak berulang. Sekiranya atas desakan PPD / Pengetua / Guru Besar supaya ambil tindakan segera bagi elak persepsi kurang baik dari ibu bapa / masyarakat setempat, dinding dipecahkan sebahagian kecil sahaja yang berhampiran blok sekolah. Drill rasuk dan masukkan rebar sebagai stiffner dan sediakan dowel bar. Perbetulkan kembali construction joint.

Sekadar pandangan saya. Terima kasih.

Table 4 - Minimum Horizontal Imposed Loads For Parapets, Barriers and Balustrades, etc

TYPE OF ACTIVITY/OCCUPANCY FOR PART OF THE BUILDING OR STRUCTURE	EXAMPLES OF SPECIFIC USE	HORIZONTAL UNIFORMLY DISTRIBUTED LOAD (kN/m ²)	A UNIFORMLY DISTRIBUTED LOAD APPLIED TO THE RAIL (kN/m)	A POINT LOAD APPLIED TO PART OF THE RAIL (kN)
A. Domestic and residential activities	(i) All areas within or serving exclusively one dwelling including stairs, landings etc. But excluding external balconies and edges of roofs (see IS 1502)	0.25	0.50	0.25
	(ii) Other residential (but also IS)	0.74	1.0	0.5
B and C. Office and work areas not including elsewhere including storage areas	(i) Light access stairs and gangways not more than 100mm wide	0.22	N/A	N/A
	(ii) Light pedestrian traffic routes in industrial and storage buildings except designated access routes	0.26	0.5	0.25
	(iii) Areas not susceptible to overcrowding in office and institutional buildings also industrial and storage buildings except as given above	0.74	1.0	0.5
D. Areas where people may congregate	(i) Areas having floor loading within 150mm of the barrier, balustrade or parapet	1.5	1.5	1.5
	(ii) Restaurants and Bars	1.5	1.5	1.5
E. Areas without obstacles for moving people (i.e. not susceptible to overcrowding)	(i) Stairs, Landings, Corridors, Ramps	0.74	1.0	0.5
	(ii) External balconies and edges of roofs, Pathways and pavements within building carriages adjacent to passenger loading areas	0.74	1.0	0.5
F. Areas susceptible to overcrowding	(i) Theatres, cinemas, discotheques, bars, auditoriums, shopping malls, assembly areas, studios, Pathways or pavements greater than 3m wide adjacent to sunken areas	3.0	1.5	1.5
G. Retail areas	(i) All retail areas including public areas of banks, building societies or building societies. For areas where overcrowding may occur, see IS	1.5	1.5	1.5
H. Outdoor areas	(i) Pedestrian areas in car parks including stairs, landings, ramps, edges or internal floors, footpaths, edges of roofs	1.5	1.5	1.5

Structurally independent



sememangnya tidak bersambung dan dijelaskan oleh Enck Harjit.



Share Explicit Knowledge

Road Work WBS



The hand auger is very simple hand tool used for drilling into soft soils down to a max. Different steel augers (drill bits) can be attached at the bottom end of the drill rods. TI emptied. A different auger can be used for each formation (soil) type. Hand augering

Above the water table, the borehole generally stays open without the need for support can be emptied either with an auger or a bailer. The permanent well casing is then in support for the borehole as the permanent casing (direct installation), although in the silt and soft clay

1) SURVEY W
2) SOIL INVE

- In-situ Test
 - Borehol
 - JKR Prc
 - Hand A
 - Trial Pit
 - Cone Pi
 - Vane Si
 - Plate B
- Site Labor:
 - Sieve A
 - Moistur
 - Modifie

JPedia Statistics



PAGE STATISTICS



60

AVERAGE VISITS/DAY



10,200

PAGES



8,098

UPLOADED FILES



2,976

REGISTERED USERS

* As of 08.08.2017

JCoP Statistics – Quick Stats



1,134
QUESTIONS



2,158
ANSWERS



774
COMMENTS



2,481



REGISTERED USERS

** As of 08.08.2017*

Sesi Hands-On JPedia





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From J-Pedia

Welcome to J-Pedia,

JPedia is an online encyclopedia made up of knowledge resources collected and organized to promote knowledge sharing and support continuous learning among JKR staff. All the articles or pages are jointly created by JKR staff from various Divisions (Cawangan JKR) and States (JKR Negeri) who had undergone a short training on the use of [wiki@](#).

Currently having 839 articles.

- WikiTAM
- PM Wiki
- WikiNotes
- Forensic

- ECKM wiki
- VM wiki
- WikiPapers
- WikiSpecs

- J-CoP@
- BIM wiki
- WikiResearch
- PLL wiki

- WikiGreen
- Wiki Cost
- Guides & Standards

This Month's Featured Article



Value Management (VM)

Value Management (VM) is a well acknowledged for its ability to provide a basis for achieving value for money in a construction project. VM maximizes the functional value of a project through the comparison and audit of all decisions against a value system determined by the client. This service requires the client to transmit clear value requirements of a project to the project designers.

Based on numerous recognized definitions, VM is defined as 'a structured, analytical and team orientated process to explicit the functional benefits of a project and to appraise needs, problems or opportunities to seek best value system determined by the client'.

Featured Knowledge Assets



BIM
GARIS PANDUAN
BIM JKR

Guides_and_Standards#1_Garis_Panduan_BIM_JKR

Garis Panduan Building Information Modeling (BIM) Jabatan Kerja Raya (JKR) ini merupakan sebuah dokumen rujukan di peringkat jabatan. Dokumen ini menjelaskan kaedah pelaksanaan BIM secara asas di dalam sesebuah projek JKR dan hendaklah dipatuhi oleh semua pihak yang terlibat. Penyediaan dokumen ini adalah berasaskan kepada perisian Autodesk yang merupakan platform pelaksanaan BIM di JKR.

Dengan adanya garis panduan di dalam dokumen ini, diharapkan kaedah BIM dapat dilaksanakan dengan lebih teratur dan faedah kepada JKR dapat dilaksanakan dengan lebih baik dan lebih efisien.

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(VM)

Value Management



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BIM
GARIS PANDUAN
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