

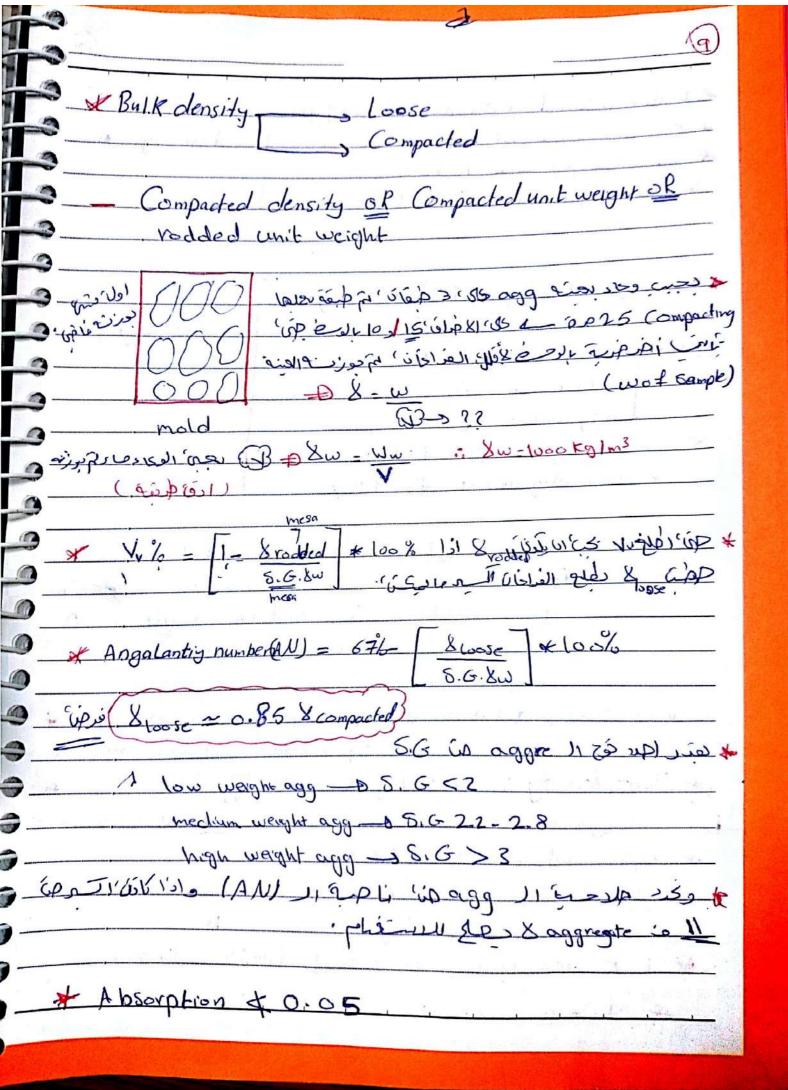
Lab materral (1) 11/2/2015 Thur * normal Consistency and setting time & IsTiges is in a size MC Yell mod =10 mm * How to measured IST and F.S.T? O vicat method (2) Grillmore method * Vicat * मिर कि की मार्ग प्रवंदिए के की अप needle = 1 mm 1 time li pent Dlog pent # IST >, 45 min FST & 6 114 hrs * W/c = 25-33 ec Tololf. ST lice of to IsTopo is * 6509 3 Gind FILH F.S.T ~ 1.2 IST + 90 mm F.S.T ~ 1.5 IST + 45 min * P = 25 - SIST لجعند استفام (عادة) P=Zero - O F.ST +12 no well ollains wier (leige) & Grillmore & IST 7160 min GloT & Gook (TUK) (coment) los iso - F.ST < 10 hrs عند نعنوی ال محود ا (E) NC 1 is display & display & Ster of Total (3) chicobinació NC GERPCS-9 51-561 30 -0 30 -0 18 060 a bill (150 Ci -81 4 . LUSI C GERRY COW 2011 mid

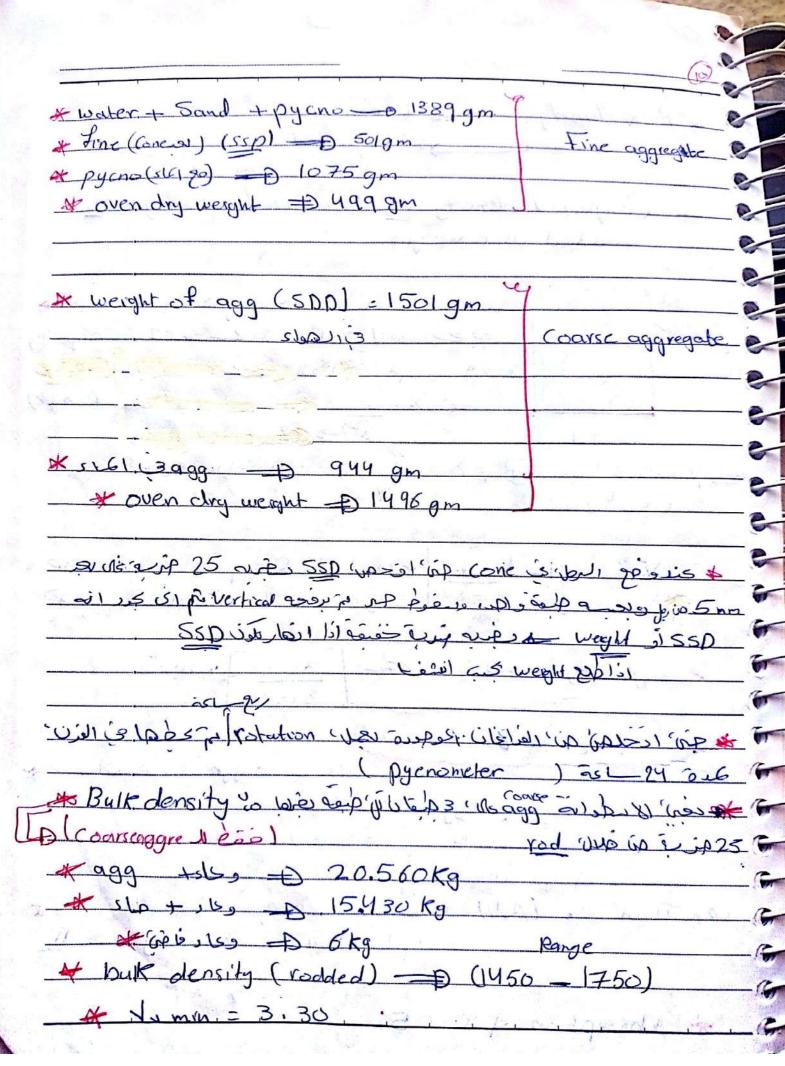
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(i) As or se precode 250 FST 90 21	بعريت	نرش الازقاء	حوم و			
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					1 F.S.T 5 Since (m cm	21

18/2/2016 Thut Lab Material (2) Strength of Martar > Compression > + Mortar s water + cement + Sand cheak Quality of Cement Stength of Mortan offected by 20 .000 dolor in 1) W/C/s [constant] p >4/1, 22.3 2) Sand type i (ottownasand)= D Standard 3) ambient Condition of 1 temp = water mixing & 23 72°C JULI SE SI EPIL Water of Curing 20 71C Mold + air + material = (20-27,5) (y) Type of water: (dixilled) are as (2) Humdity 7, 50% procedure (6) dimension of Mods 7) Type of Cement - p working (Variable) * Compression is Chalo 20 Walson Range - Ang I O. 1 (Arg) 50450450 mm 4 9 cube 3 بنمب ٩ مكدان ولع سوم بحمصا بلاء العنظ ها و ١١٦ معه و هداك وراسها ٥ 10 ad 11 Egil Cop = (113, 8166 الا بنت له و لا ح ابام لفلح 3 دريان ٢٠ 8 6ûs 3 es cy 28 es ... 10 ... 10 o (vicos) 3 pi se sé sos londes اللعم الااع العام العباد 23 ,

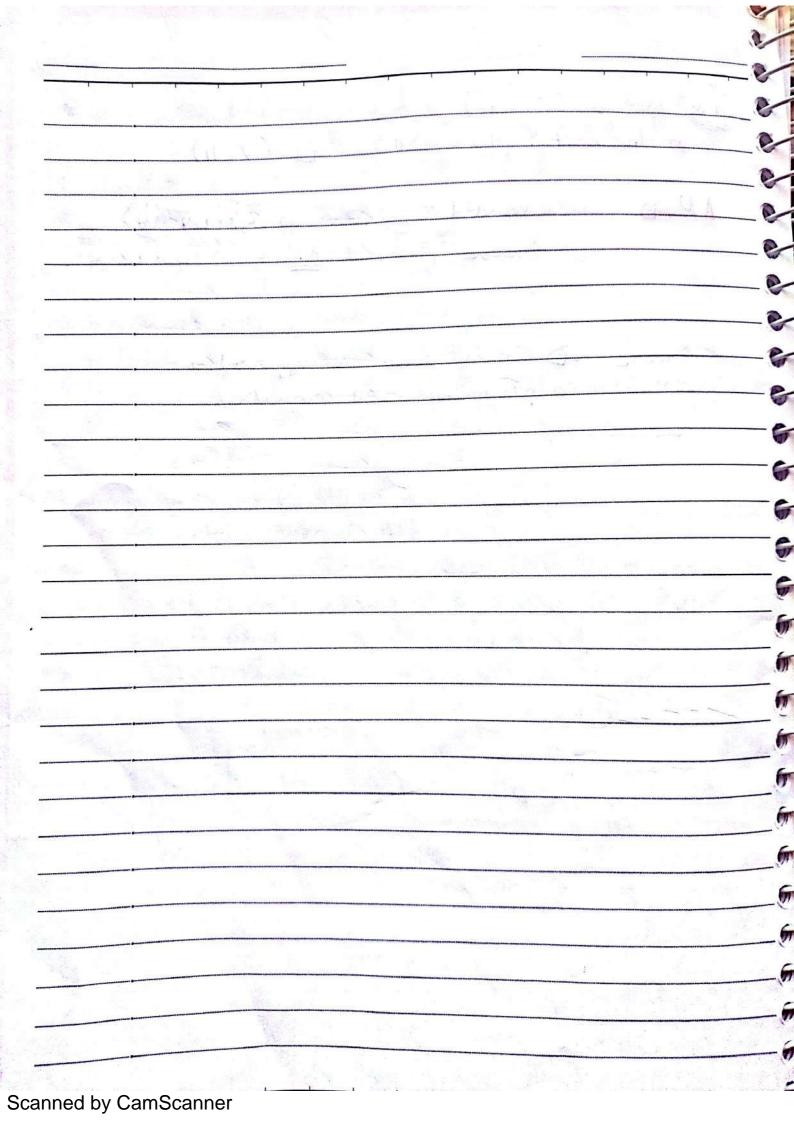
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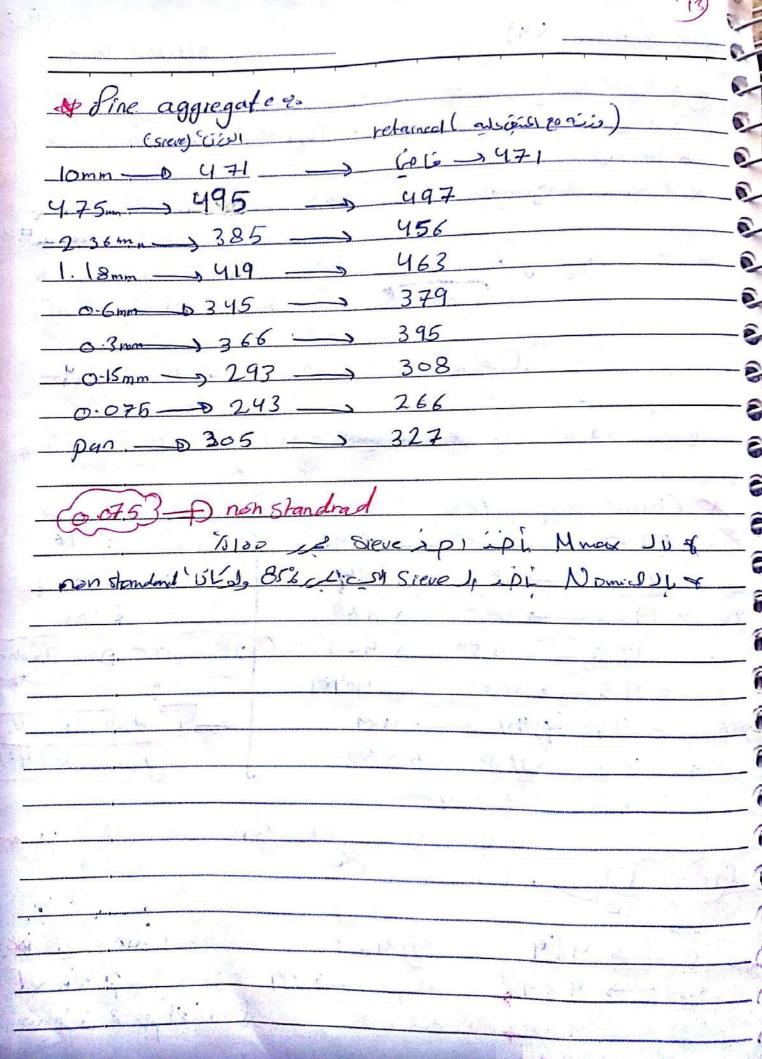
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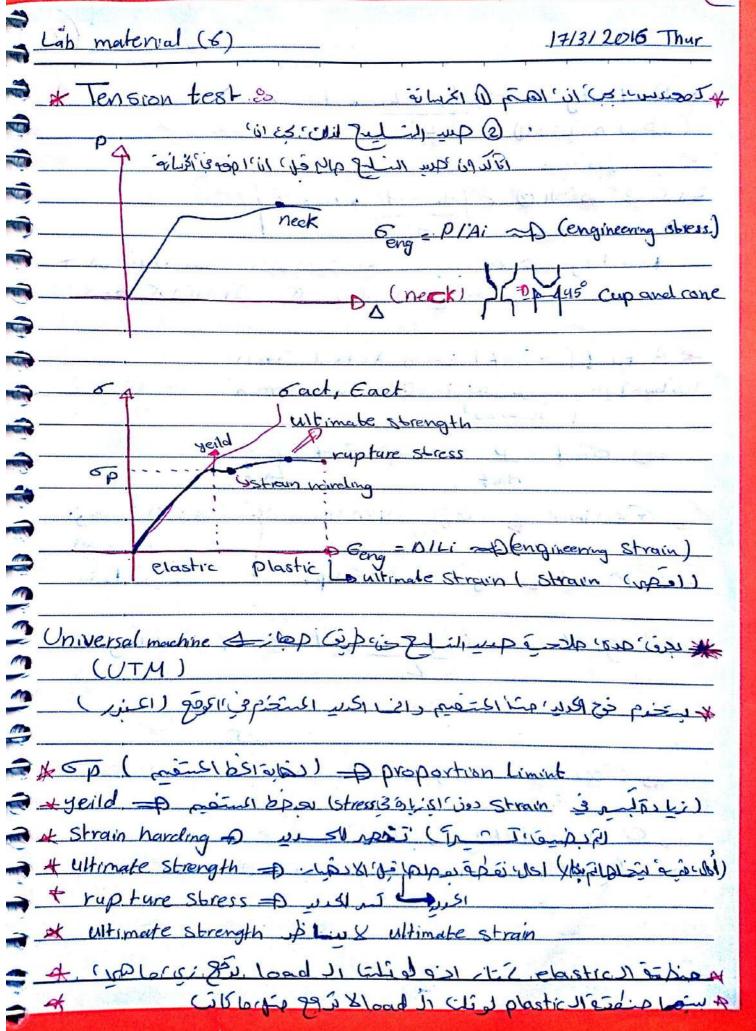
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L. X. D. E. G. C. X. N. C. C. N. C. L. D.
برفي المحادث على المحترف على المحترف الفراغان الإلموالي من العن المحالية المحترف المح

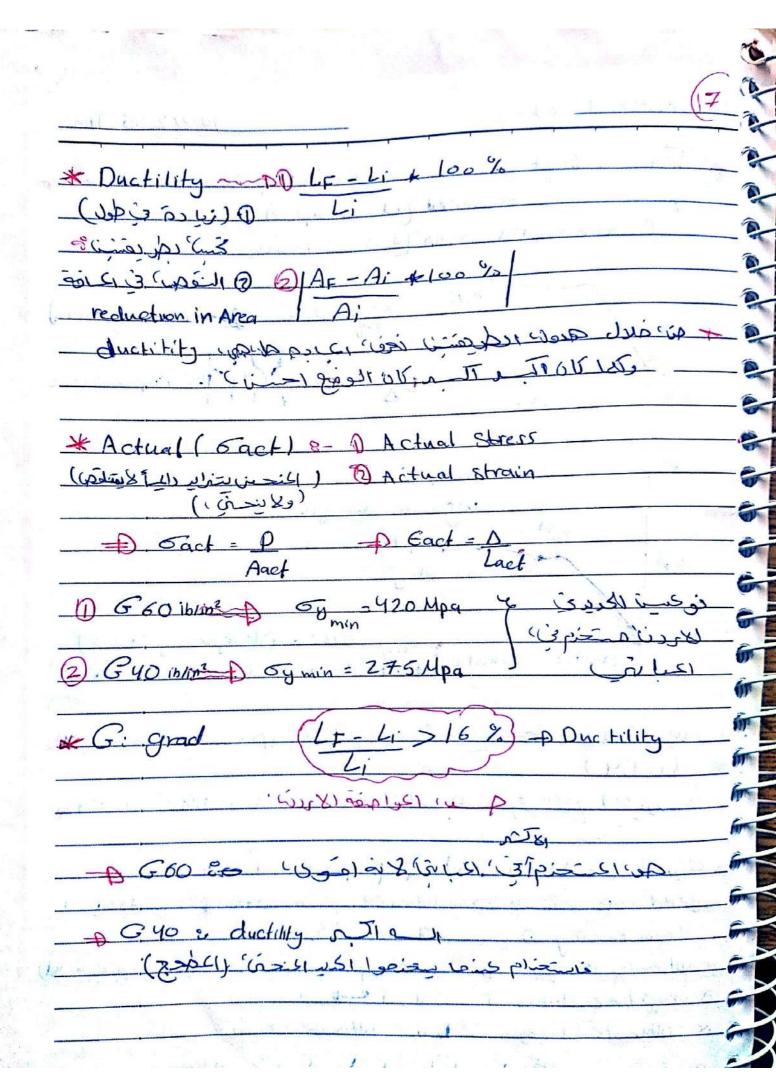


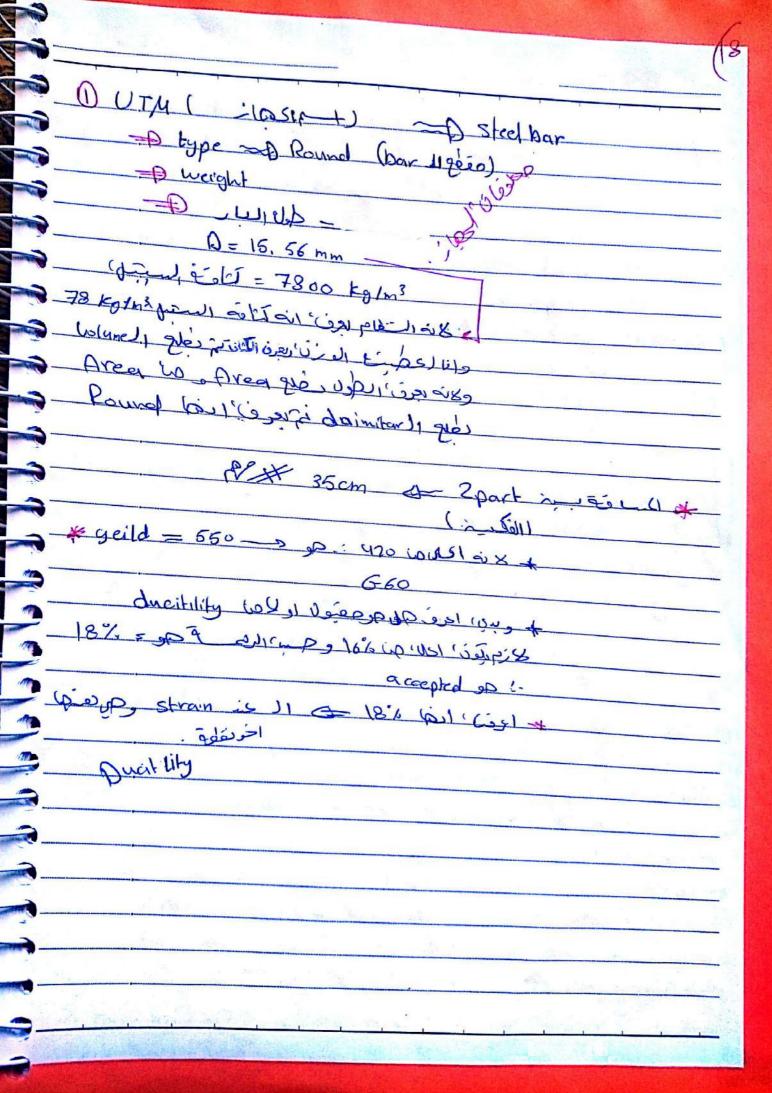


Lab material (5)	17/3/2016 Thur
Resistance to degradation of Small Size	Coarse Aggregate
by at moston and impact in los angeles	machine
- Coar aggregate I 52 quality 1 (co)	المن المناه المناه ما
Abosion test machine (LA) is Culp	(15 LA% (45)
Cheak of quality Quis	indication (1) sig
Strength 2	
havdness B	
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> 92 /2 ale laises Sieve #12 = == 5 (me	* Of ce = 1 (2/1) =
Strel holds and I alo by Sieve #12 (de)	
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	Noo
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organ weight u	كيمة فيل المحتار
261 crosepted op a aggregation rest.	- rether - paret
a - 100 accepted 915 a - aggrigation	· Bret
DLA > 45% Ddo not use -	
35 - 45 D use for low quality Cor	Strength < 15 Mpa
25-35 Duse for medium Con.	0 (20-40) Mpg
15 - 25 D high quality con	0 (45-70) Mpa
< 15% extra high quality Co	770 Mpa



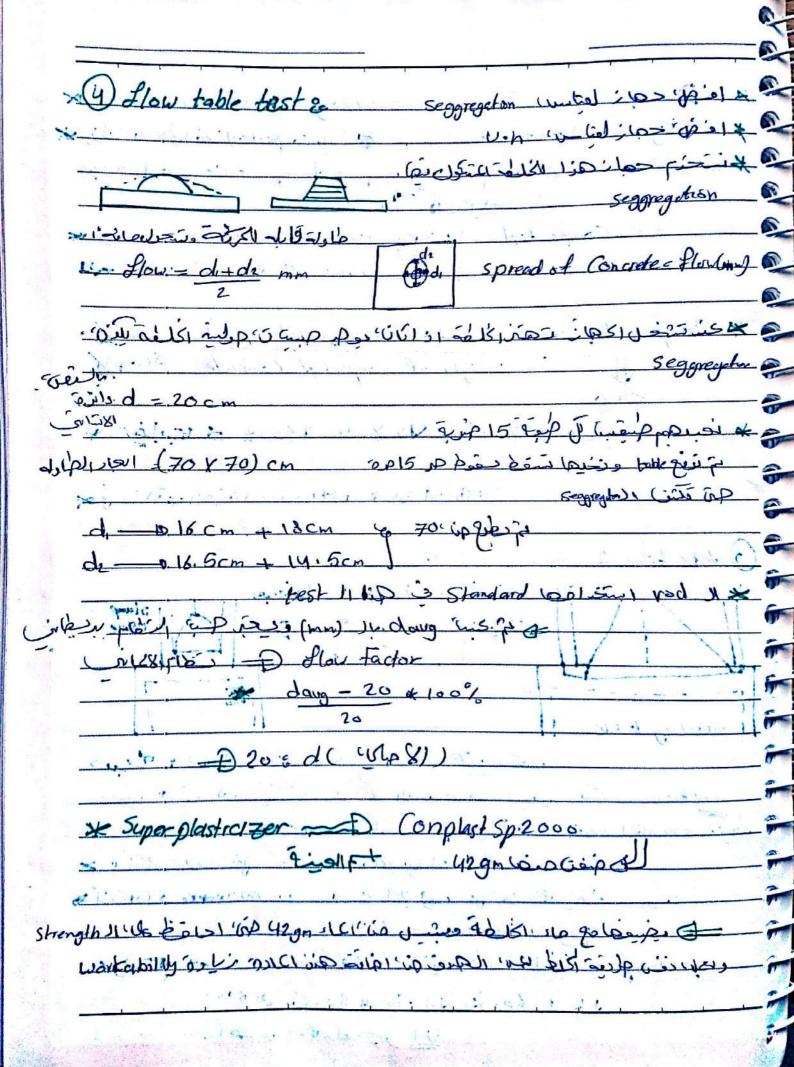




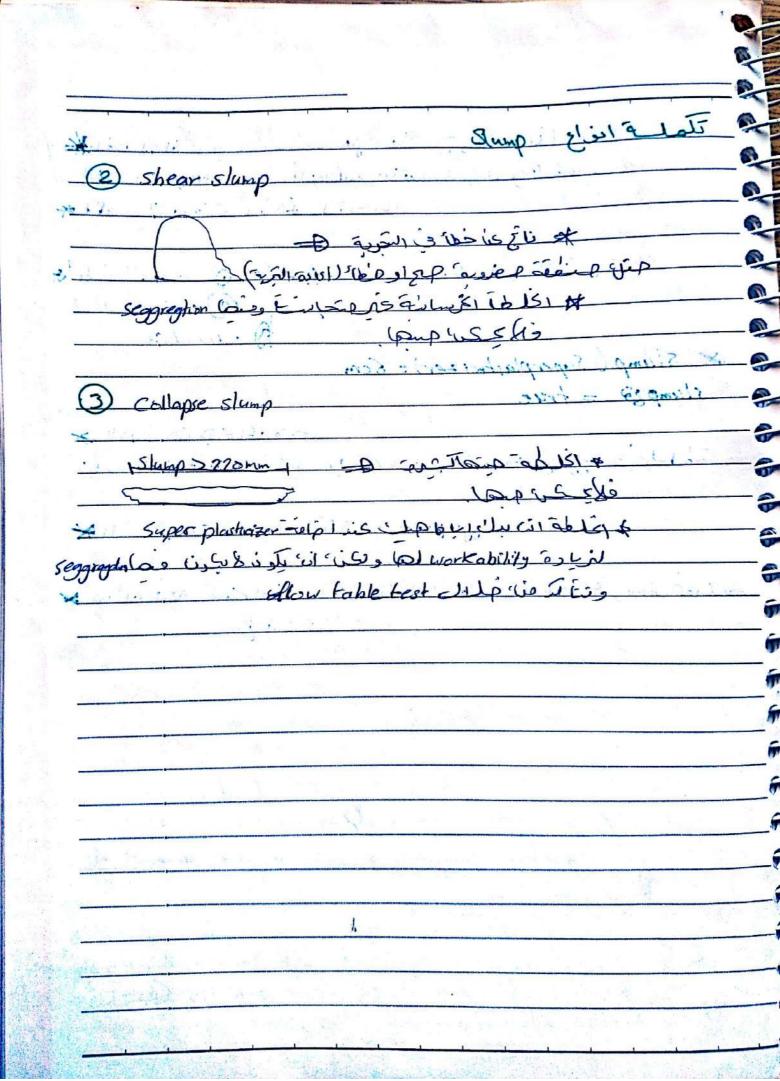


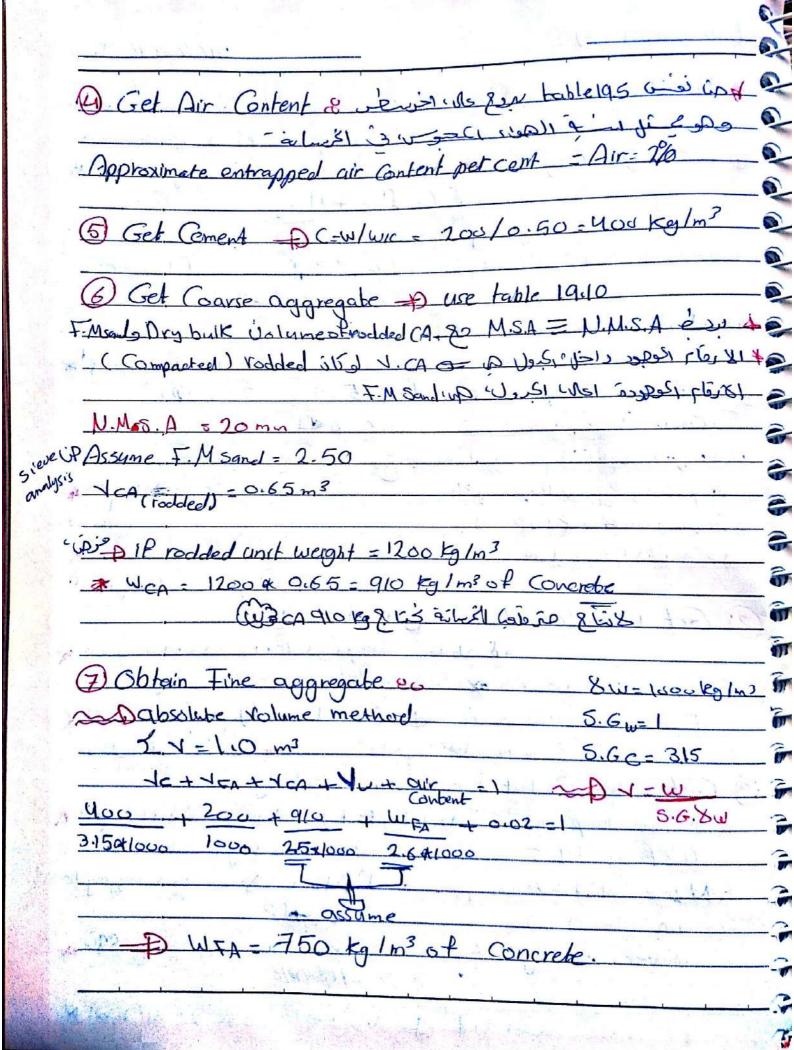
وعا ببر هاللاهم كانه وهم الطبعة المرك علها مؤة على ولا أخرجنية بمغة الم مردي وكب و تكون المتحربة خالم خلال 5 sec و تكون تكون كون الكلعة عمامك و حالمه عن الفرائاة 2 Cement of Scand policial 113 pe CA 7pis - apis ope to
2 mindle 7 6min 2 by po 6min 215 pe (parshing by 15 pe 160) of a 1 fillion
2 mindle 7 6min 2 by policial 113 pe 160 per 160 pe 0 -6 work slump sapted workability is slump 11 x 6 Vilou 1 < 2cm Salical Works & plan (co) is 1 1 150 . 3-5 cm med 8-10cm sin the Jordan 8-12 cm at normal high 12-15cm 13 5; tes v.high >18cm (medium to high) 6 1) slump test & D slump = 3 cm Gr. 6 Eins addivi(s) ture slump & slump 11 &00 = 6 Compaded 2 65 ou terrie ai & rod US="is a' will the thenda m m 2 Compacted factor best & Oconcrete go: Compacty isorial isopa Will 6 لفع البوامة (2) " / المعنون الوالله تنك الخيامة 3 منانة Estat For Balle winds in sono FIFE inte الله عليه المع مَلْ ١٥ مَل ١٥ مَل ١٠٠٠ FI bable gerating appointing in properties Sully compacted lows 6

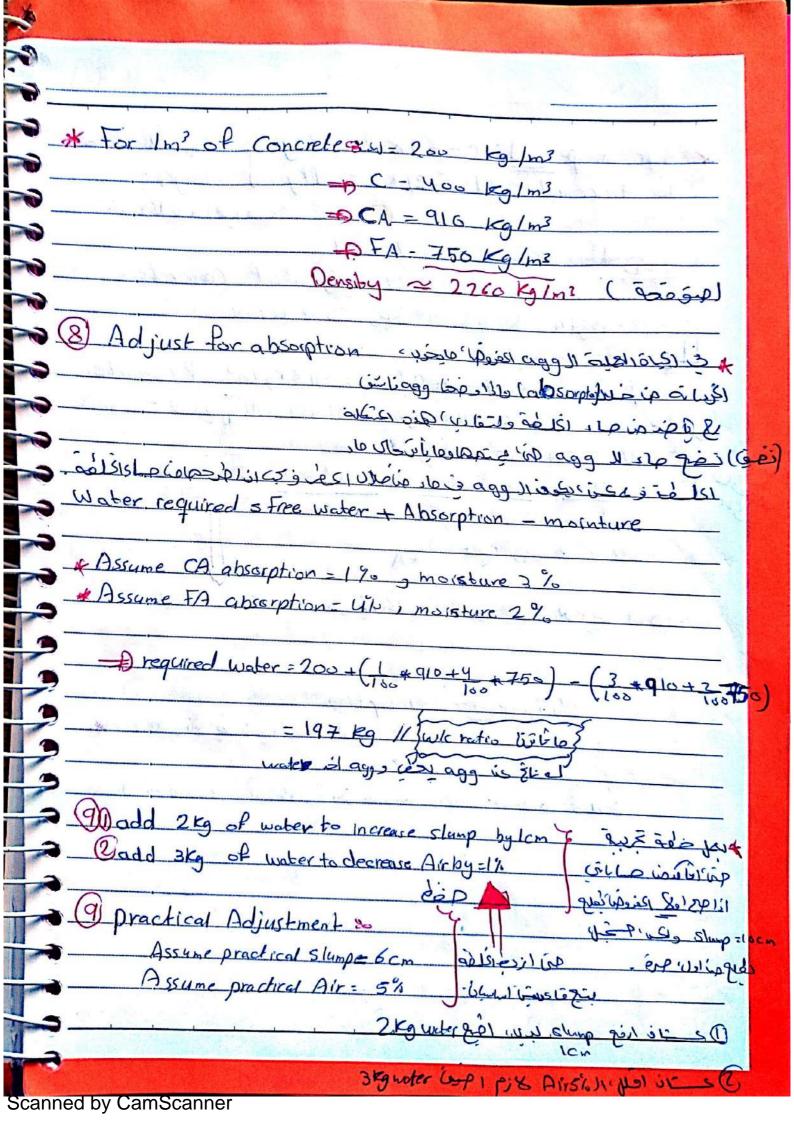
=3,28kg apliabakicis 13.7 Kg - 1/bretor 1 Wow of 10 (Un Compacted) - oil of William (i) Kielith visiblish list & partiely compacted & Compacted 1160 white Bride (Compacted) 14.2 Kg vibrator NS quales Wije Same volume d'a s'ép con En a sassivité u de 21 Compacted factor - weight of uncompacted concrete = Sun & weight of Compacted Concrete Tree Di VIN X JUL JANK & a gus + (a s) workability is & 1.0 io visiololy a 3) reberbine = Can capabilistainis Type (per el Slump 17 jula slave Vibrating table ومن عند المنافقة الماع له منافقة المع عربه किन्द्री किन्द्री किन्द्री किन्द्री किन्द्री हिन्द्री हिन्द्री किन्द्री किन्द्री किन्द्री किन्द्री GIR SI Workenbildy. City (go) "woil city late > De dialois to lie gir the workabily in zill LATE Ty vebe time = 6sec. Slump , vebetime wish milest itolia piers of the V.h.h les & V.L. L. V les, Widigle-UL or colipsiuply

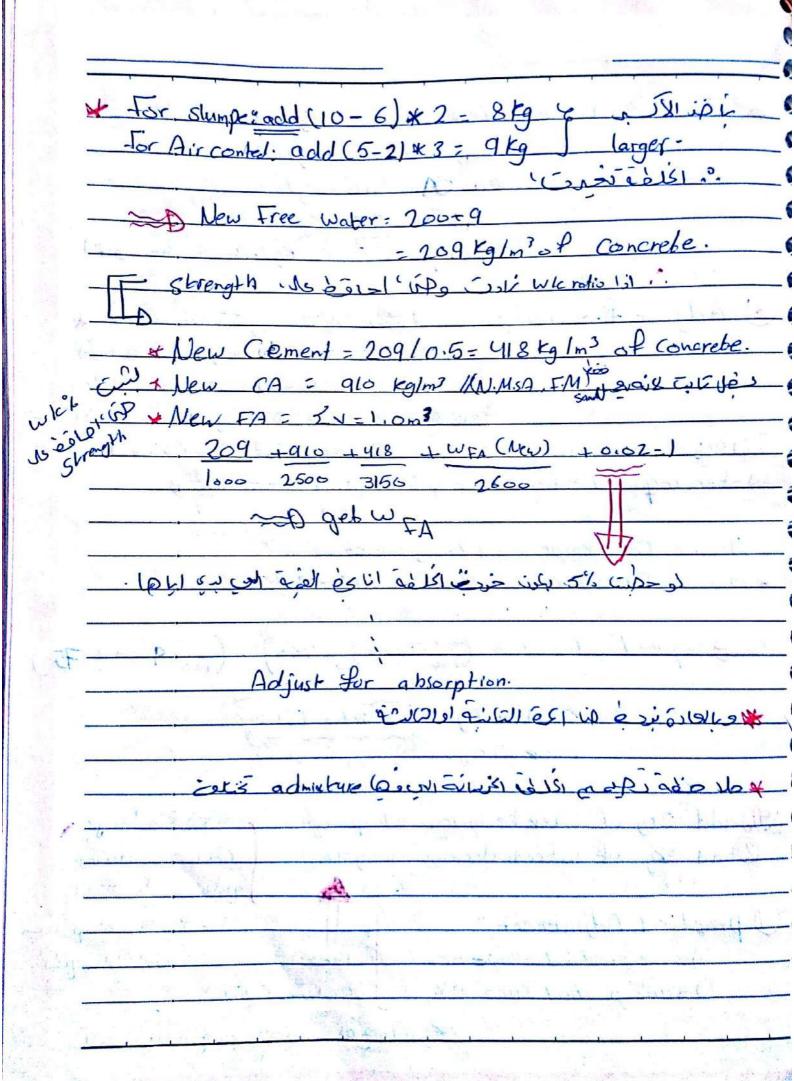


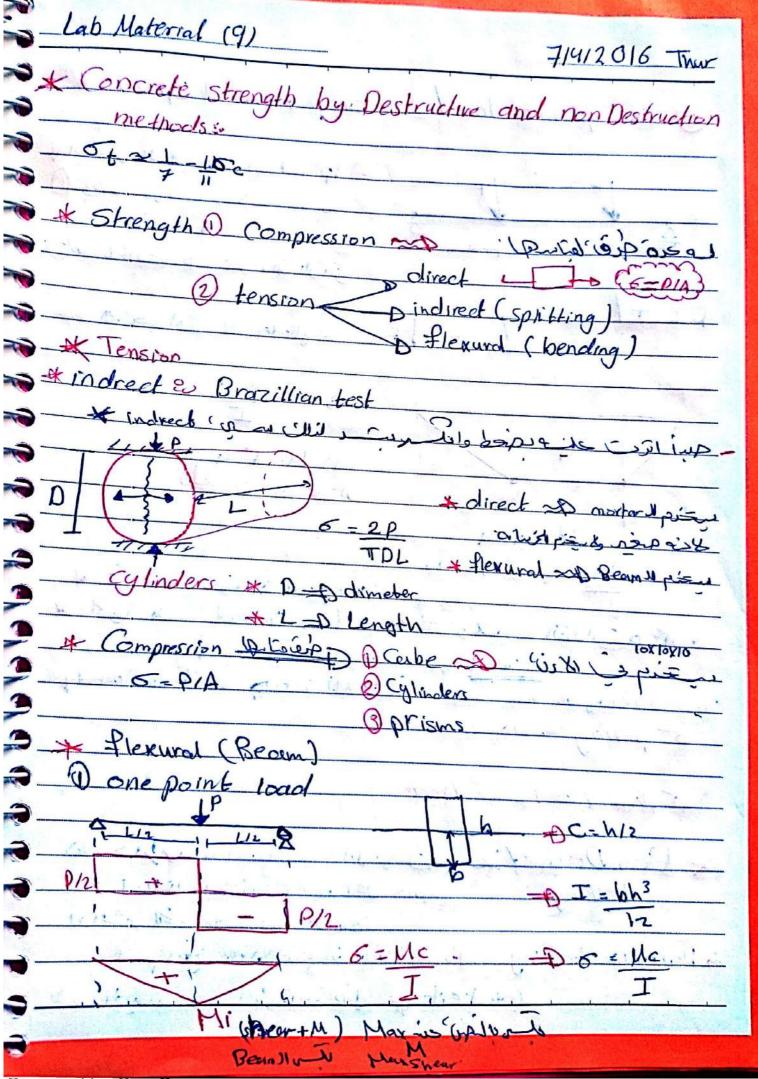
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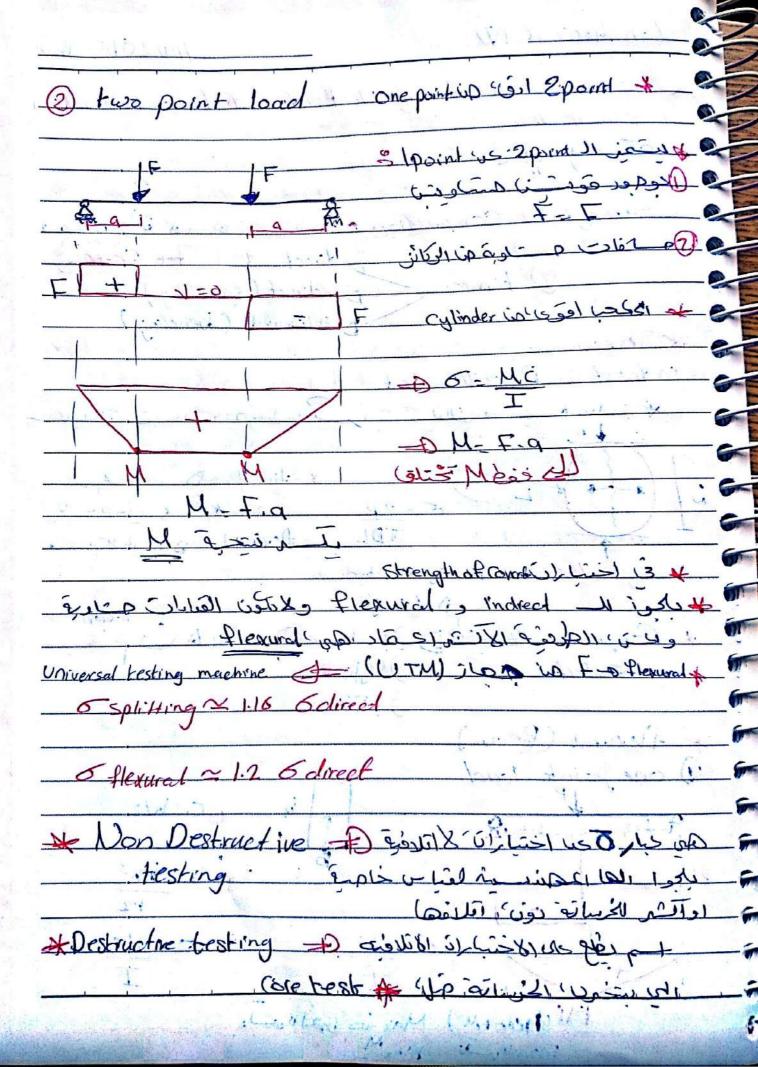


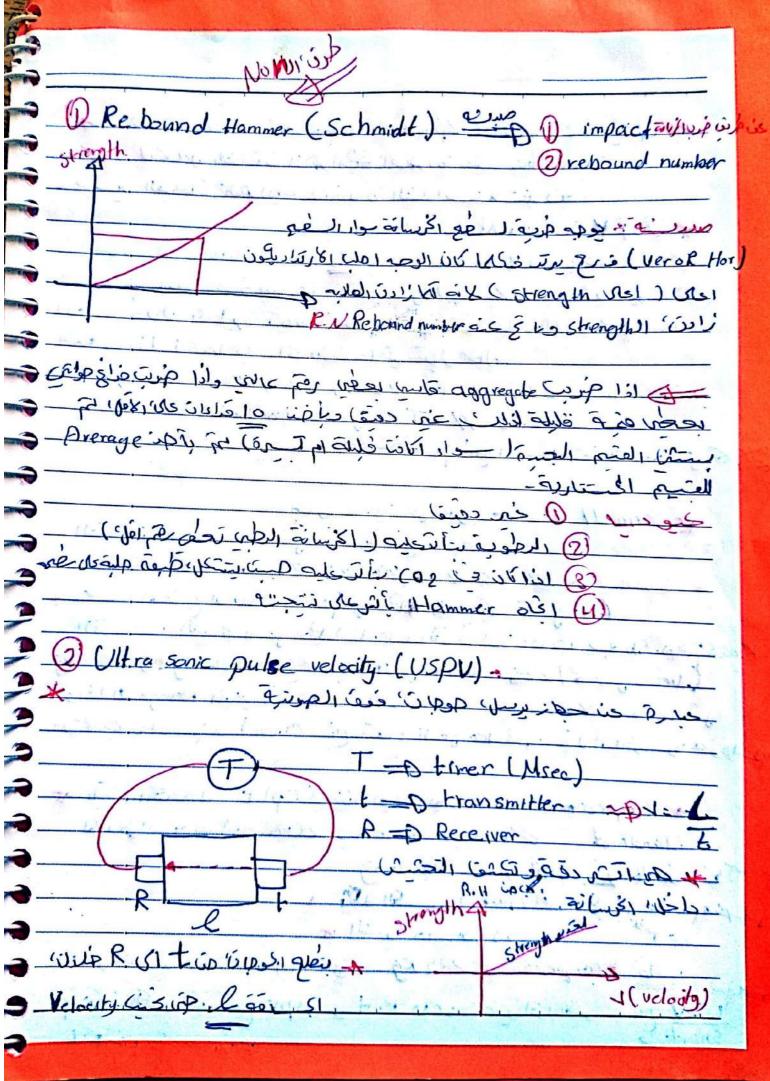












* elegance = 0 post 2part ustabs = 000 00 00 Concrebe us osposi Polopli vision bland inspe * بن الفراخات المحالية عناخلال القادات المتقاولة . * USPV. 20 SI Mice 1500 36 Was 1 Les 16 sous et Ses COS et 2 mars 1 con 1 الناطع محنعة م ويوم على البوء بالاختب الماس المحالية المالم لختال العلامات على المعلمة معرفة مخوفة من عام المعرفة على عام المعرفة المعرفة على المعرفة المعرفة المعرفة المعرفة الم المعز دول اعطام الحبكون ما منوسي يهال. 2 ACISTRIE 225, 22.6, 22.4, 22.3, 22.6, 27.4, 22.2 22-5 // Taverage > lamdée) hand, candilane in pi-on 1901 is see Towns ! * Schmidt Hammer : water Swilas (613 القرادان حب في اعدة لا جند به المع مصيضة. × () dúli 2 23, 23, 23, 29, 29, 21, 18, 30, 30, 20, 25 T. Mary (Aug 7 6) A Range & William July & Coust of it gir gard is late or lever is on the land constitution THE REAL PROPERTY. (Neway + 6) X - New Range 11 Llux 200 Neway - New ay F Willespins Pro E. Alse Tris. As Qui il Xcind al Il as ip and is one bounded of the Course of is in the Cuts 5 = . Le Compressentest machine iles lesbis (Split) issuit . Standard / 10cm 1000 50 20cm 101 20 00 181 (tension) = slaps & F splitting - 102. 6 kg (ripidemial) Source + * 12 wisin Hec. Frampression - 289 Kg - Inon explosive deptitions ul भे खाएं मि श्रेक्के पुर भारत के किया है। अ किया किया किया किया اكفتني وكسكي المجة

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(7-11) - Compression Eabe brange Direct Fension
* Flexural - DUTM tension = 14,7 EN
2 20/10 [2] [2] [2] [2] [2] [2] [2] [2] [2] [2]