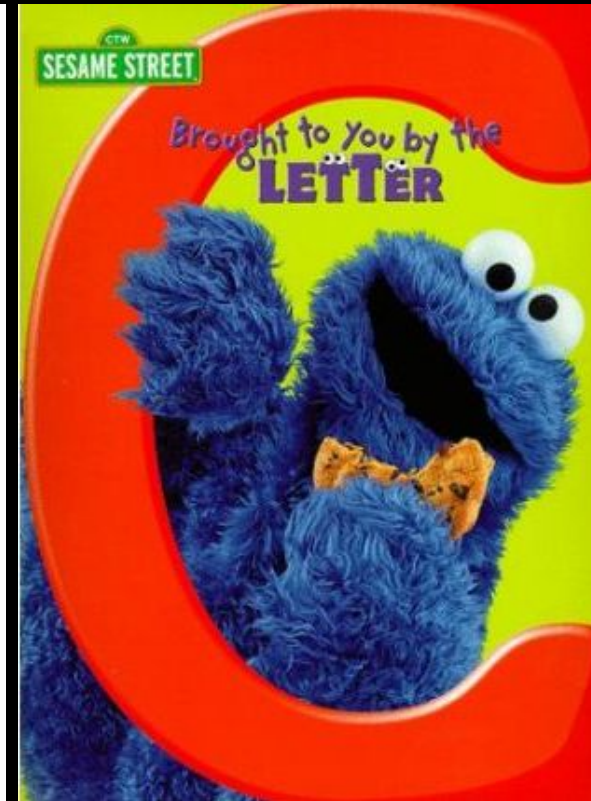
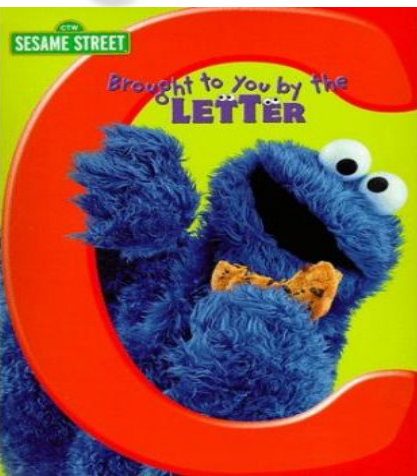


123

SESAME STREET®

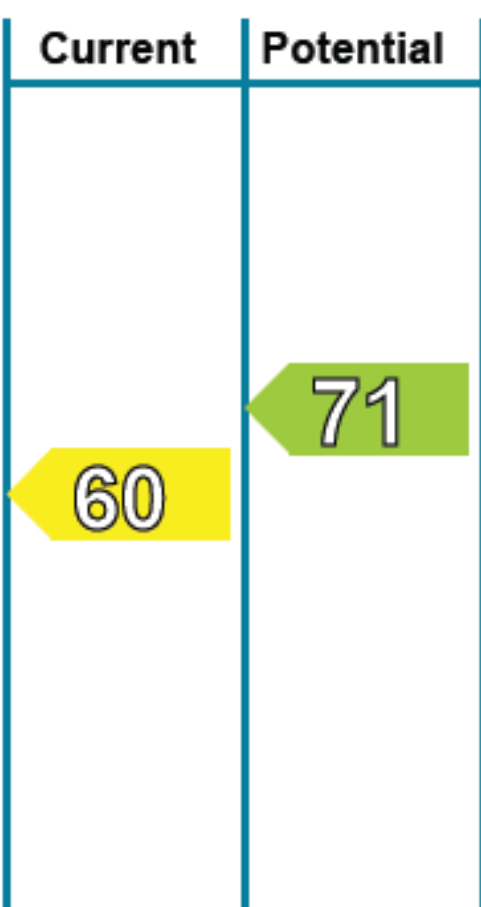




every

point

counts





**The Scottish Regulator has
stated explicitly that they will
monitor and report on
compliance.**

Minimum SAP ratings to pass the EESSH

Dwelling type	EE Rating (SAP 2009)		EE Rating (SAP 2012)	
	Gas	Electric	Gas	Electric
Flats	69	65	69	63
Four-in-a-block	65	65	65	62
Houses (other than detached)	69	65	69	62
Detached	60	60	60	57

CATCH PHRASE





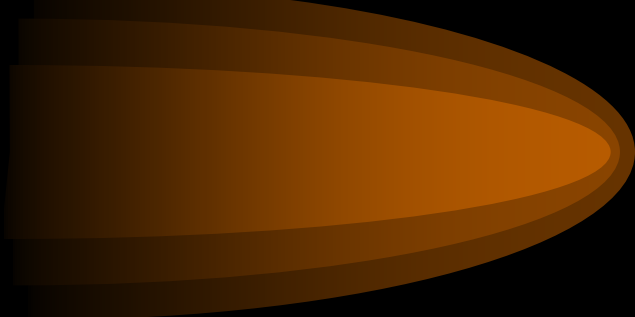
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**New version of SAP / RdSAP
uses new prices.**

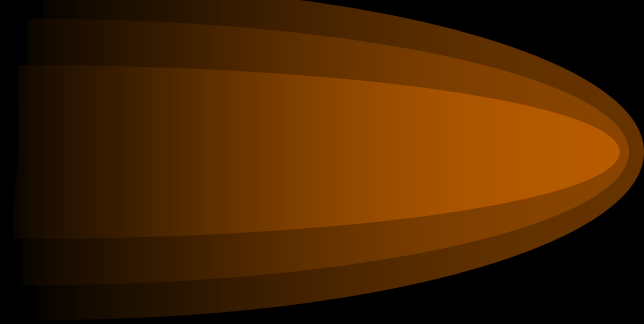
**When fuel prices are updated,
the algorithm for generating
the SAP score is amended, so
that on average no change to
SAP rating.**



**In moving from SAP 2009 to
SAP 2012, the increase in
electricity prices results in the
SAP score for electrically
heated dwellings falling**

Minimum SAP ratings to pass the EESSH

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The values for SAP 2009 and SAP 2012 provide on average the same energy efficiency standards and are within ± 2 SAP points for the large majority of properties. However, in some cases the difference can be somewhat larger.

Table 3 : Accuracy of conversion

Dwelling type	±1 SAP point		±2 SAP points	
	Gas	Electric	Gas	Electric
Flats	94%	84%	97%	95%
Four-in-a-block	99%	79%	100%	97%
Houses (other than detached)	97%	81%	97%	95%
Detached	97%	76%	98%	94%

Table 2 : Number of each dwelling type

Dwelling type	Number of dwellings	
	Gas	Electric
Flats	17,723	8,118
Four-in-a-block	2,909	618
Houses (other than detached)	13,790	3,677
Detached	286	136

Party Walls

Table S8B : U-values of party walls

Party wall type	Party wall U-value
Solid masonry / timber frame / system built	0.0
Cavity masonry unfilled	0.5
Cavity masonry filled	0.2
Unable to determine, house or bungalow	0.25
Unable to determine, flat or maisonette	0.0

Party Walls



Party Walls

	Cavity wall – unfilled	Cavity wall - filled
RdSAP 2009	67	72

RdSAP 2009 rating for mid terrace in photograph with no heat loss through 2 party walls (depending whether cavity filled or not filled)

Party Walls

	Cavity wall – unfilled	Cavity wall - filled
RdSAP 2009	67	72
RdSAP 2012 – unable to determine party wall filled / not filled (U-value = 0.25)	64	68

RdSAP 2012 rating for same property with heat loss through 2 party walls where unable to determine construction of party wall

Party Walls

	Cavity wall – unfilled	Cavity wall - filled
RdSAP 2009	67	72
RdSAP 2012 – unable to determine party wall filled / not filled (U-value = 0.25)	64	68
RdSAP 2012 – able to determine party wall not unfilled (U-value = 0.50)	62	67

If you can determine construction of party wall RdSAP score could be even worse!! Insulating cavity now only gets you back to unfilled cavity of RdSAP 2009!!!!!!!!!!!!!!

Table 3 : Accuracy of conversion

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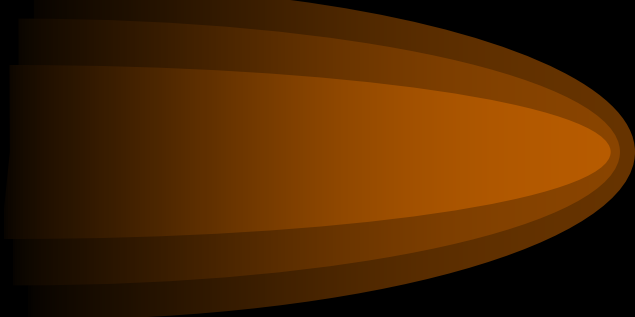
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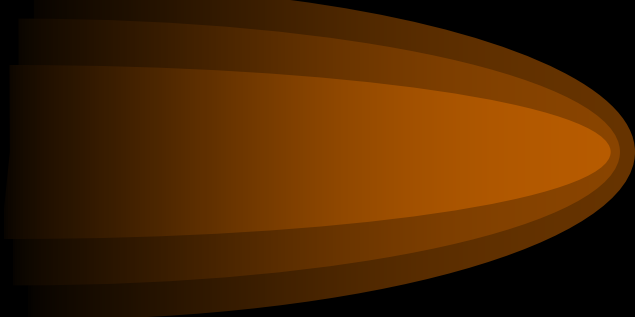
Party Walls

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RdSAP 2012 rating for same property with heat loss through 2 party walls where unable to determine construction of party wall



**in SAP 2012 v9.93 U-value for
solid brick walls was reduced
from 2.1 to 1.7 W/m²K**



**in SAP 2012 v9.93 U-value for
filled cavity was increased
from 0.5 to 0.6 W/m²K**



594,477 RSL properties

257,696 SAP 2009 or SAP 2012 EPCs

**68,969 SAP 2005 EPCs
or SAP 2001 ratings**

267,812 RSL properties ?no rating?

Landlords are not required to obtain additional current EPCs for all their housing stock.

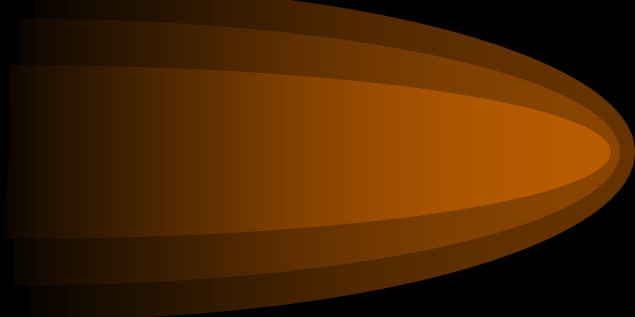
They should be satisfied that they can calculate or estimate the **CURRENT SAP rating for their property**

the **CURRENT** SAP / RdSAP
program is

**SAP 2012 version 9.93 which
came into effect November
19th, 2017**

Landlords should make use of best data available.

Data from previous versions of SAP can be used to show compliance with EESSH.



**Landlords should appreciate
that later iterations of SAP are
more accurate and should be
given greater weight in their
comparison of data**

Electric Heating E18

	SAP 2009	SAP 2012
Semi detached 2-storey house, electric wet central heating (CPSU) E10 tariff	20	17

Electric Heating E18

	SAP 2009	SAP 2012
Semi detached 2-storey house, electric wet central heating (CPSU) E10 tariff	20	17
Same dwelling E18 (Economy 2000 tariff)	n/a	44

A no brainer: re-assess wet electric on Economy 2000 tariff with RdSAP 2012

Electric Heating ESH

	SAP 2009	SAP 2012
Semi detached 2-storey house, electric storage heating / panels – manual charge control E7 tariff	38	35
Semi detached 2-storey house, electric storage heating / panels – auto charge controls E24 tariff	46	40

Electric Heating HHRs

	SAP 2009	SAP 2012
Semi detached 2-storey house, electric storage heating / panels – manual charge control E7 tariff	38	35
Semi detached 2-storey house, electric storage heating / panels – auto charge controls E24 tariff	46	40
Semi detached 2-storey house, HHR electric storage heating / panels – auto charge controls E7 tariff	n/a	47

Electric Heating ESH

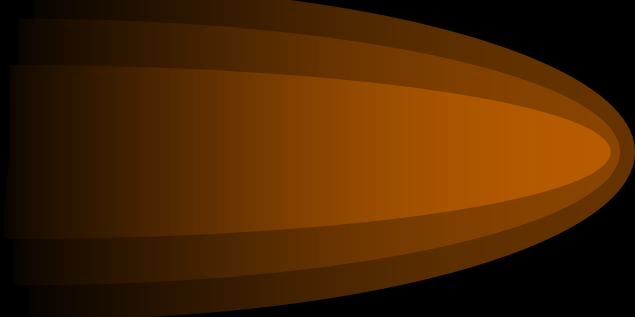
	SAP 2009	SAP 2012
detached bungalow, wall 0.3, loft 0.13, DG electric storage heating / panels – manual charge control E7 tariff	44	39
detached bungalow, wall 0.3, loft 0.13, DG electric storage heating / panels –auto charge control E24 tariff	51	45

Electric Heating HHRs

	SAP 2009	SAP 2012
detached bungalow, wall 0.3, loft 0.13, DG electric storage heating / panels – manual charge control E7 tariff	44	39
detached bungalow, wall 0.3, loft 0.13, DG electric storage heating / panels – auto charge control E24 tariff	51	45
detached bungalow, wall 0.3, loft 0.13, DG HHR electric storage heating / panels – HHR ESH controls E7 tariff	n/a	51

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a QUIZ

















07 08 2017







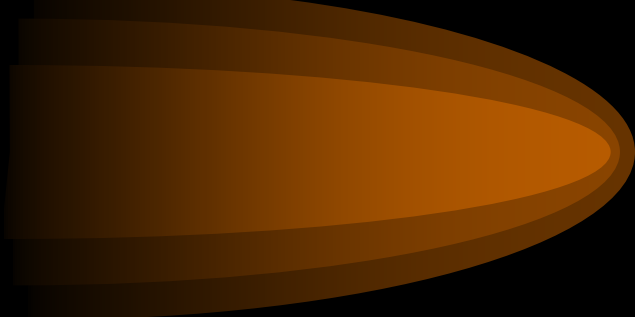






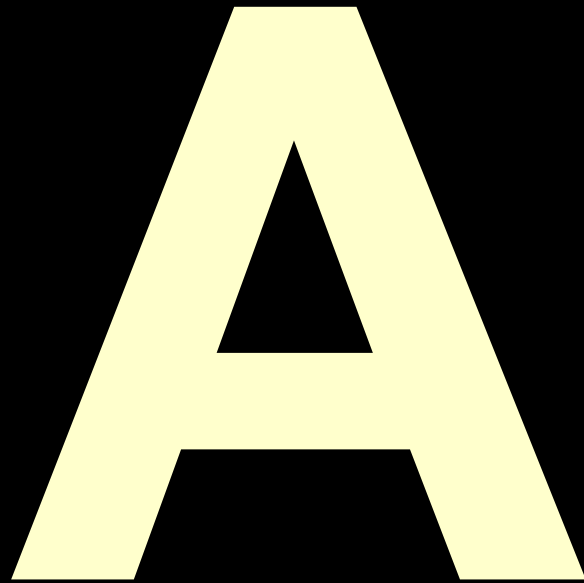




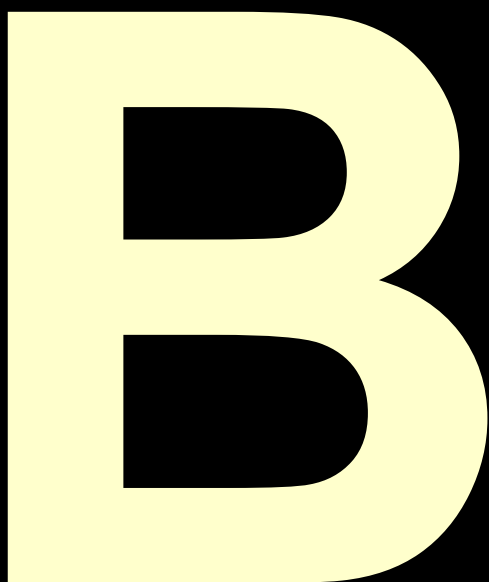
- 
- **C2 Type of Flat**
 - **2. 4-in Block type**
 - **Dwelling is located within a Common Block**
 - **The Dwellings of which have independent access**
 - **The Common Block has min. 2 storeys**
 - **The Common Block contains NO shared common access**
 - **No. of dwellings within Common Block irrelevant**



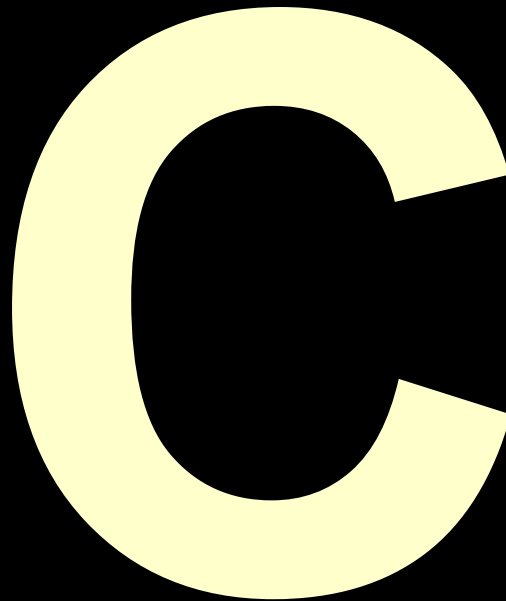




A



B



C

D

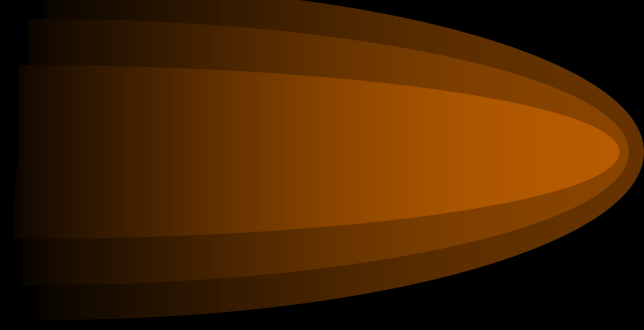
E

F

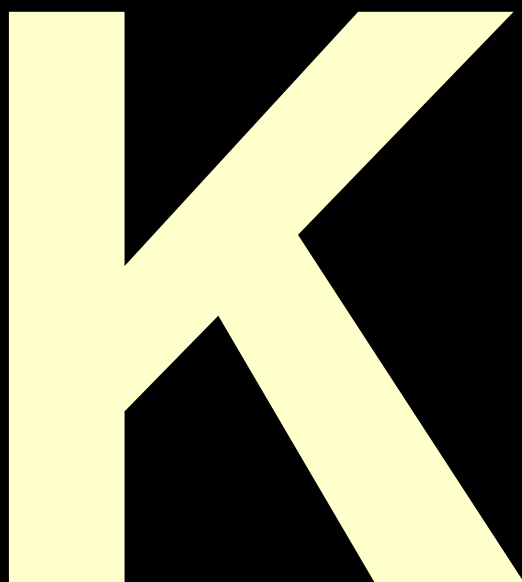


G

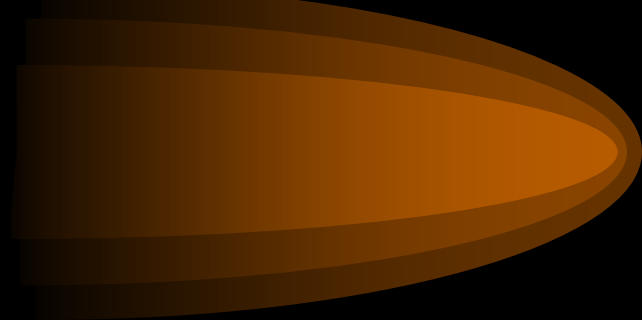
H



J

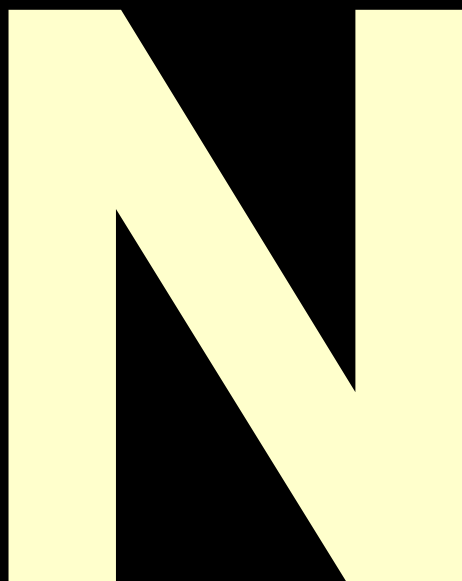


K



L

M



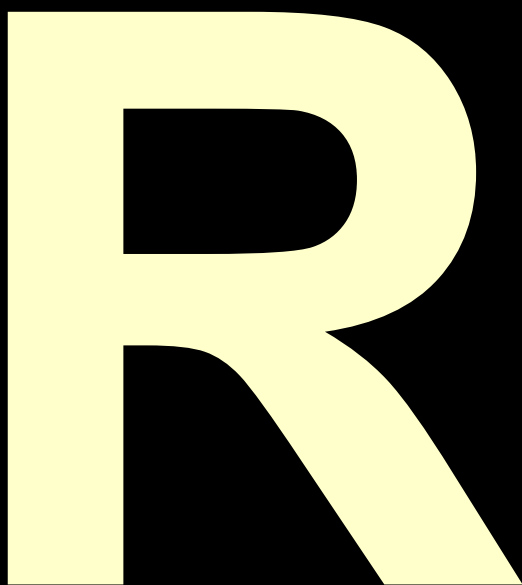
N

O

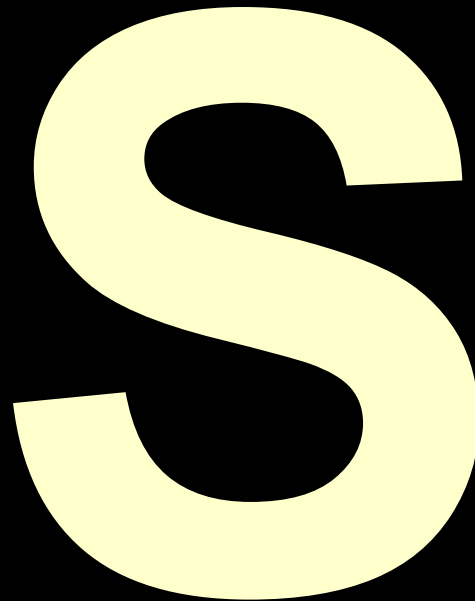
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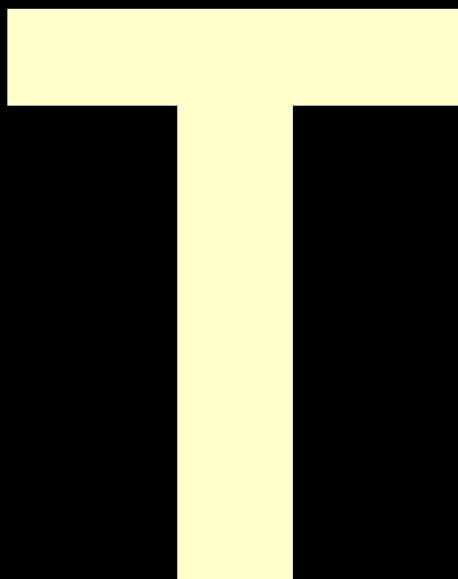
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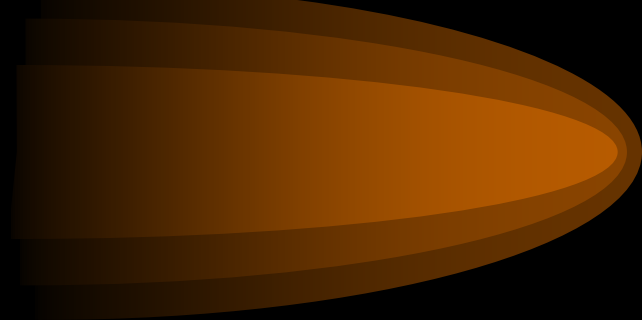
R



S




T

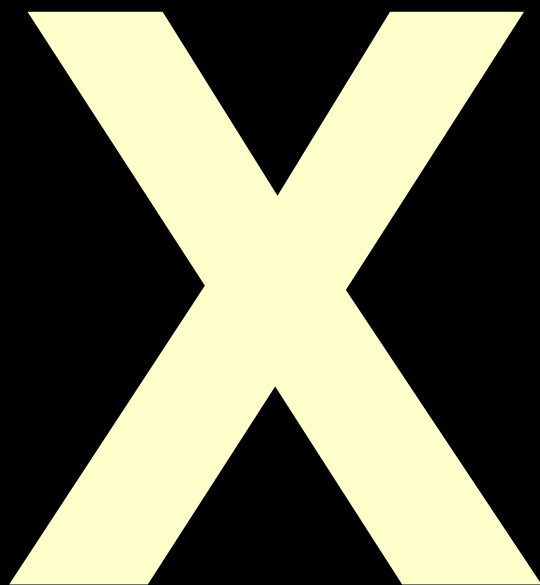


U

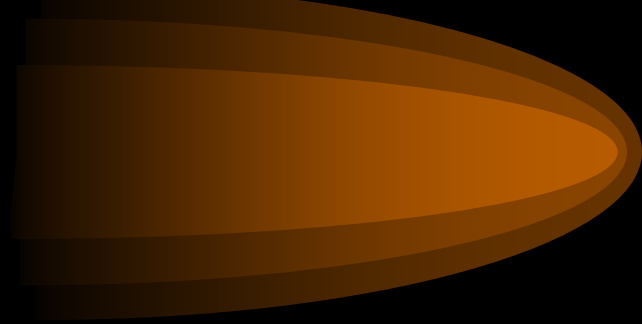
V



W



A large, bold, yellow 'X' is centered on a black background. The 'X' is composed of two thick, slightly irregular strokes that intersect in the middle, giving it a hand-drawn or stencil-like appearance.



Y

Z